

Converting Colors

HunterLab(57.0699, -11.9417,
-25.8854)

Have a look what the booklet for
HunterLab(57.0699, -11.9417,
-25.8854) contains.

HunterLab(57.1637, -12.0779, -25.5520)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(57.1637,
-12.0779, -25.5520)**

Conversions

Conversions Part 1

Format	Color
Hex	57A3CE
RGB	87, 163, 206
RGB Percent	34%, 64%, 81%
CMY	0.6588, 0.3608, 0.1922
CMYK	0.58, 0.21, 0.00, 0.19
HSL	202°, 55%, 57%
HSV	202°, 58%, 81%
XYZ	28.1683, 32.6769, 63.2152
YIQ	145.1780, -59.0990, -2.7390

Conversions

Conversions Part 2

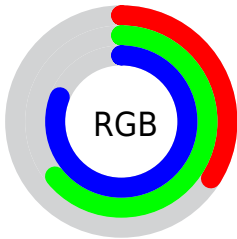
Format	Color
R_{YB}	87, 133, 206
Decimal	5743566
CIE _{Lab}	63.90, -11.03, -29.09
CIE _{LCh}	64, 31.111, 249.232
Yxy	32.6781, 0.2271, 0.2634
Android (android.graphics.Color)	4283933646 (0xFF57A3CE)
YUV	145.1780, 29.9852, -51.0221
Hunter-Lab	57.1637, -12.0779, -25.5520

Details

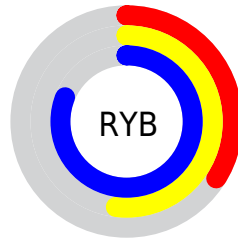
The HunterLab color **57.1637, -12.0779, -25.5520** is a light color, and the websafe version is hex **3399CC**. The color can be described as light muted azure. A complement of this color would be **54.5680, 19.5120, 24.1676**, and the grayscale version is **53.1850, -2.8378, 2.8896**.

A 20% lighter version of the original color is **79.6132, -16.4599, -21.6878**, and **37.0141, -9.4263, -24.9405** is the 20% darker color. If you saturate the color by 10%, you get **54.0904, -11.4004, -30.8756**, and if you desaturate by 10%, it is **60.4457, -12.0623, -20.2415**.

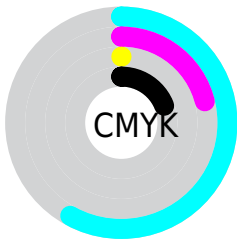
Distribution



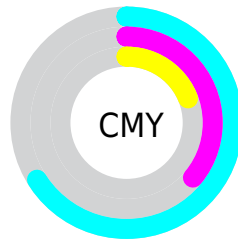
- Red (34%)
- Green (64%)
- Blue (81%)



- Red (34%)
- Yellow (52%)
- Blue (81%)



- Cyan (58%)
- Magenta (21%)
- Yellow (0%)
- Black (19%)



- Cyan (66%)
- Magenta (36%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 57.1637, -12.0779, -25.5520 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the HunterLab color 57.1637, -12.0779, -25.5520 by changing the saturation by 10% instead.

■ 57.1637, -12.0779,
-25.5520

■ 57.1637, -12.0779,
-25.5520

177.2559,
-22.8544, -27.9398

■ 46.7760, -10.9003,
-25.0230

■ 79.9203, -14.4253,
-26.4543

■ 37.1062, -9.7117,
-24.4591

■ 92.2159, -15.6033,
-26.8234

■ 28.2134, -8.5009,
-23.8904

■ 105.0845,
-16.7877, -27.1375

■ 20.1726, -7.2501,
-23.3932

■ 118.5015,
-17.9803, -27.3979

■ 13.0860, -5.9262,
-23.1769

132.4454,
-19.1823, -27.6064

■ 6.5703, -7.6673,
-26.6985

146.8970,

0.0000, NaN, -NF

-20.3949, -27.7650

0.0000, NaN, -NF

161.8390,
-21.6187, -27.8755

0.0000, NaN, NaN

■ 57.1637, -12.0779,
-25.5520

■ 57.1637, -12.0779,
-25.5520

■ 54.0904, -11.4004,
-30.8756

■ 60.4457, -12.0623,
-20.2415

■ 51.2333, -9.9895,
-36.1810

■ 63.9207, -11.4075,
-14.9750

■ 48.5988, -7.8315,
-41.4297

■ 67.5762, -10.1731,
-9.7710

■ 46.1772, -4.9797,
-46.6078

■ 71.3989, -8.4186,
-4.6417

■ 45.6514, -4.2974,
-47.7834

■ 75.3761, -6.2005,
0.4064

■ 79.4958, -3.5707,
5.3713

■ 83.7473, -0.5758,
10.2544

■ 88.1206, 2.7432,
15.0590

■ 90.7238, -0.0346,
17.7417

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



57.1647, -22.0211, -15.0679



57.1637, -12.0779, -25.5520



57.1647, 1.2248, -27.4777

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



57.1647, -12.0779, -25.5509



57.1647, 25.2721, 6.9792



57.1647, -18.7449, 19.2884

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



57.1637, -12.0779, -25.5520



54.5680, 19.5120, 24.1676

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



57.1647, -7.2090, 22.6982



57.1637, -12.0779, -25.5520



57.1647, 18.7639, 16.7738

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



57.1647, -12.0779, -25.5509



57.1647, 23.6569, -6.4832



57.1647, 6.5685, 21.9008



57.1647, -25.6117, 11.2865

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



57.1637, -12.0779, -25.5520



57.1647, 10.3568, -23.2899



57.1647, 6.5685, 21.9008



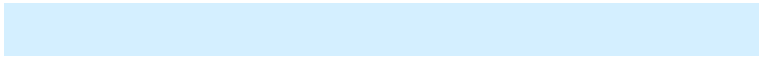
57.1647, -15.3308, 20.9130

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



57.1647, -12.0779, -25.5509



91.1563, -10.5742, -5.5499



69.0981, -43.5727, 24.0974



41.7066, -5.1285, -3.1777

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



57.1647, -12.0779, -25.5509



68.0660, -14.2139, -40.7164



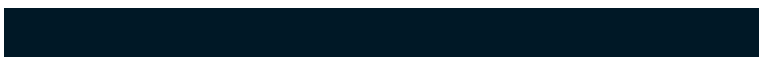
40.6897, 17.0067, -59.7157



34.6679, -3.0577, -0.1895



36.0868, -3.7984, -36.9056



9.0146, -2.1239, -6.6825

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



47.5224, 50.0793, -13.0722



55.3528, 75.6254, -17.6246



70.5985, -9.2896, 35.7663



33.6634, 2.1144, 0.2911



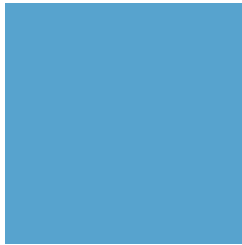
30.1954, 55.1468, -7.1258



6.9612, 12.8944, -3.0456

Previews

White Background



This preview shows how the HunterLab color 57.1637, -12.0779, -25.5520 looks on a white background.

Color Contrast Check

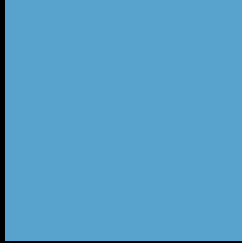
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 57.1637, -12.0779, -25.5520 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

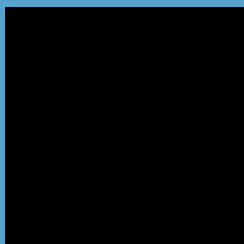
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

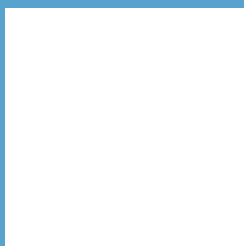
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 57.1637, -12.0779, -25.5520 Background



This preview shows how black text looks on a background with the HunterLab color 57.1637, -12.0779, -25.5520.



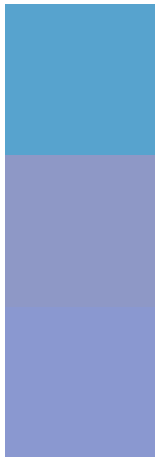
This preview shows how white text looks on a background with the HunterLab color 57.1637,

-12.0779, -25.5520.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

57.1637, -12.0779, -25.5520

Protanopia

56.8194, 2.9064, -20.6864

Deuteranopia

56.9331, 4.1272, -26.9907



Tritanopia

57.0538, -20.9410, -10.6398

Trichromacy



Original Color

57.1637, -12.0779, -25.5520

Protanomaly

56.6847, -3.2888, -22.9268

Deuteranomaly

56.7485, -2.5595, -26.7520

Tritanomaly

57.2184, -18.0118, -15.5365

Monochromacy



Original Color

57.1637, -12.0779, -25.5520

Achromatopsia

53.2117, -2.8392, 2.8911

Achromatomaly

54.3430, -8.0050, -6.5416

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 57.1637, -12.0779, -25.5520 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(87, 163, 206)` looks like.

```
.text, #text, p{  
    color:rgb(87, 163, 206)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(87, 163, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 163, 206) }
```

Border

The CSS property to change the border of an element to HunterLab 57.1637, -12.0779, -25.5520 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(87, 163, 206) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(87, 163, 206) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(87, 163, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 163, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 163, 206);  
box-shadow:4px 4px 4px 4px rgb(87, 163,  
206) }
```

Background

The CSS property to change the background color of an element to HunterLab 57.1637, -12.0779, -25.5520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 163, 206) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(87, 163,  
206) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor