

Converting Colors

HunterLab(55.7601, -2.6315,
-40.6723)

Have a look what the booklet for
HunterLab(55.7601, -2.6315,
-40.6723) contains.

HunterLab(55.8137, -2.7208, -40.5689)	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(55.8137, -2.7208,
-40.5689)**

Conversions

Conversions Part 1

Format	Color
Hex	5D9BE0
RGB	93, 155, 224
RGB Percent	36%, 61%, 88%
CMY	0.6353, 0.3921, 0.1216
CMYK	0.58, 0.31, 0.00, 0.12
HSL	212°, 68%, 62%
HSV	212°, 58%, 88%
XYZ	29.6901, 31.1517, 74.9691
YIQ	144.3280, -59.1010, 8.3150

Conversions

Conversions Part 2

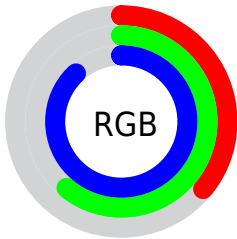
Format	Color
R _Y B	93, 135, 224
Decimal	6134752
CIE Lab	62.64, 0.31, -41.03
CIE LCh	63, 41.027, 270.434
Yxy	31.1528, 0.2186, 0.2294
Android (android.graphics.Color)	4284324832 (0xFF5D9BE0)
YUV	144.3280, 39.2783, -45.0147
Hunter-Lab	55.8137, -2.7208, -40.5689

Details

The HunterLab color **55.8137, -2.7208, -40.5689** is a light color, and the websafe version is hex **6699CC**. The color can be described as light muted azure. A complement of this color would be **65.1771, 10.9290, 30.9312**, and the grayscale version is **52.8078, -2.8177, 2.8691**.

A 20% lighter version of the original color is **77.1339, -10.4840, -25.3756**, and **35.8558, -1.6759, -39.1929** is the 20% darker color. If you saturate the color by 10%, you get **51.3932, -0.0601, -49.6904**, and if you desaturate by 10%, it is **60.5136, -4.5428, -31.8871**.

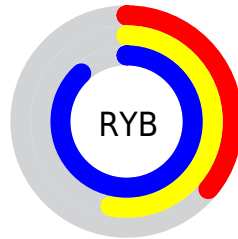
Distribution



Red (36%)

Green (61%)

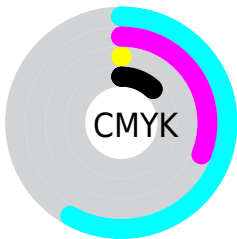
Blue (88%)



Red (36%)

Yellow (53%)

Blue (88%)

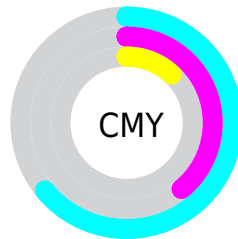


Cyan (58%)

Magenta (31%)

Yellow (0%)

Black (12%)



Cyan (64%)

Magenta (39%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 55.8137, -2.7208, -40.5689 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 55.8137, -2.7208, -40.5689 by changing the saturation by 10% instead.

■ 55.8137, -2.7208,
-40.5689

■ 55.8137, -2.7208,
-40.5689

175.2831, -8.9806,
-45.4361

■ 45.5140, -2.1874,
-39.9003

■ 78.4095, -3.8961,
-41.9140

■ 35.9388, -1.6944,
-39.3018

■ 90.6308, -4.5345,
-42.5486

■ 27.1491, -1.2450,
-38.8845

■ 103.4284, -5.2042,
-43.1437

■ 19.2224, -0.8438,
-38.9009

■ 116.7774, -5.9040,
-43.6950

■ 12.2656, -0.4976,
-40.0161

130.6559, -6.6326,
-44.2002

■ 5.4025, -0.0380,
-54.7030

145.0443, -7.3888,

0.0000, NaN, -NF

-44.6587

0.0000, NaN, -NF

159.9253, -8.1718,
-45.0704

0.0000, NaN, NaN

■ 55.8137, -2.7208,
-40.5689

■ 55.8137, -2.7208,
-40.5689

■ 51.3932, -0.0601,
-49.6904

■ 60.5136, -4.5428,
-31.8871

■ 47.2829, 3.5325,
-59.2327

■ 65.4589, -5.6298,
-23.6387

■ 43.5169, 8.1176,
-69.1259

■ 70.6234, -6.0797,
-15.7932

■ 40.1102, 13.6477,
-79.2891

■ 75.9835, -5.9813,
-8.3122

■ 39.6138, 14.5327,
-80.8858

■ 81.5189, -5.4110,
-1.1547

■ 87.2127, -4.4343,
5.7195

■ 93.0502, -3.1058,
12.3475

■ 97.2813, -7.5026,
16.8321

■ 99.0767, -10.4179,
18.6662

Harmonies

Analogous

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



55.8147, -18.9550, -33.5585



55.8137, -2.7208, -40.5689



55.8147, 15.5267, -33.1640

Triad

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



55.8147, -2.7205, -40.5677



55.8147, 29.8689, 17.1974



55.8147, -29.8514, 16.8884

Complementary

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



55.8137, -2.7208, -40.5689



65.1771, 10.9290, 30.9312

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.



55.8147, -19.3530, 24.5230



55.8137, -2.7208, -40.5689



55.8147, 15.0195, 24.6579

Square

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



55.8147, -2.7205, -40.5677



55.8147, 35.7339, 3.2853



55.8147, -3.2412, 26.8483



55.8147, -33.3722, 2.7899

Rectangle

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



55.8137, -2.7208, -40.5689



55.8147, 26.0772, -22.0716



55.8147, -3.2412, 26.8483



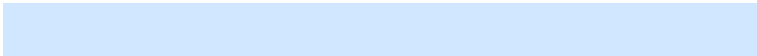
55.8147, -27.0925, 20.1157

Sweetspot

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



55.8147, -2.7205, -40.5677



88.2285, -6.9135, -9.3319



76.2899, -45.5880, 20.1190



39.9656, -3.2445, -5.4716

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



55.8147, -2.7205, -40.5677



58.5314, 0.6831, -59.7553



39.5662, 30.5009, -80.7623



37.8257, -2.5621, -0.8563



30.5953, 10.3172, -60.5134



9.0947, 0.7246, -12.9318

Inverse Universe

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



51.0333, 52.6021, -3.6612



53.9171, 72.1377, -2.5809



83.4285, -20.4069, 43.6902



37.1591, 2.1073, 1.0511



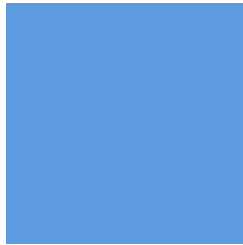
31.3895, 55.7584, 4.7566



8.3723, 15.0733, -0.2915

Previews

White Background



This preview shows how the HunterLab color 55.8137, -2.7208, -40.5689 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 55.8137, -2.7208, -40.5689 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

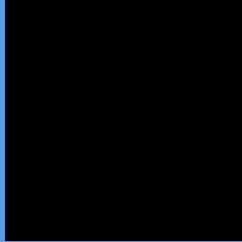
Any Text WCAG AA ✓ Pass

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 55.8137, -2.7208, -40.5689 Background



This preview shows how black text looks on a background with the HunterLab color 55.8137, -2.7208, -40.5689.



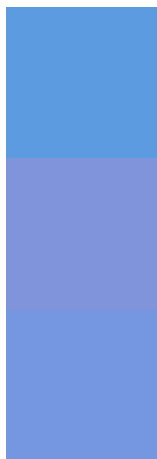
This preview shows how white text looks on a background with the HunterLab color 55.8137, -2.7208, -40.5689.

-40.5689.

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

55.8137, -2.7208, -40.5689

Protanopia

55.5729, 6.4248, -37.1442

Deuteranopia

55.7053, 4.5203, -41.4136



Tritanopia

55.8048, -21.0221, -10.1741

Trichromacy



Original Color

55.8137, -2.7208, -40.5689

Protanomaly

55.6763, 2.5561, -38.4943

Deuteranomaly

55.7502, 1.7026, -41.3743

Tritanomaly

55.7586, -15.0138, -20.1760

Monochromacy



Original Color

55.8137, -2.7208, -40.5689

Achromatopsia

52.8104, -2.8178, 2.8693

Achromatomaly

53.4387, -4.6991, -11.0177

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 55.8137, -2.7208, -40.5689 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(93, 155, 224)` looks like.

```
.text, #text, p{  
    color:rgb(93, 155, 224)  
}
```

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(93, 155, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 155, 224) }
```

Border

The CSS property to change the border of an element to HunterLab 55.8137, -2.7208, -40.5689 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(93, 155, 224) }
```


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

```
.border{ border-color:rgb(93, 155, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 155, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 155, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 155, 224);  
box-shadow:4px 4px 4px 4px rgb(93, 155,  
224) }
```

Background

The CSS property to change the background color of an element to HunterLab 55.8137, -2.7208, -40.5689 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 155, 224) }
```

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

```
.background{ background-color: rgb(93, 155,  
224) }
```

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