

Converting Colors

HunterLab(54.7720, -12.2853,
-23.3235)

Have a look what the booklet for
HunterLab(54.7720, -12.2853,
-23.3235) contains.

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Color

**HunterLab(54.7578,
-12.0415, -23.6647)**

Conversions

Conversions Part 1

Format	Color
Hex	539DC5
RGB	83, 157, 197
RGB Percent	33%, 62%, 77%
CMY	0.6745, 0.3843, 0.2274
CMYK	0.58, 0.20, 0.00, 0.23
HSL	201°, 50%, 55%
HSV	201°, 58%, 77%
XYZ	25.7023, 29.9842, 57.2562
YIQ	139.4340, -56.9440, -3.2480

Conversions

Conversions Part 2

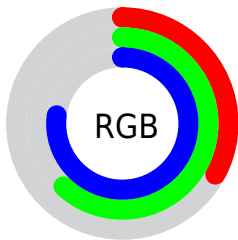
Format	Color
R _Y B	83, 128, 197
Decimal	5479877
CIE Lab	61.64, -11.33, -27.57
CIE LCh	62, 29.802, 247.664
Yxy	29.9853, 0.2276, 0.2655
Android (android.graphics.Color)	4283669957 (0xFF539DC5)
YUV	139.4340, 28.3800, -49.4926
Hunter-Lab	54.7578, -12.0415, -23.6647

Details

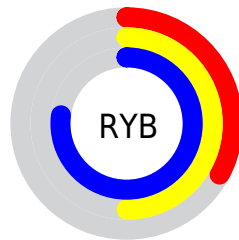
The HunterLab color $54.7578, -12.0415, -23.6647$ is a dark color, and the websafe version is hex $3399CC$. The color can be described as middle muted azure. A complement of this color would be $51.6354, 19.1236, 22.7541$, and the grayscale version is $50.8927, -2.7155, 2.7651$.

A 20% lighter version of the original color is $77.3986, -14.5603, -24.3902$, and $35.0957, -9.7323, -22.4459$ is the 20% darker color. If you saturate the color by 10%, you get $51.9033, -11.4967, -28.5603$, and if you desaturate by 10%, it is $57.8082, -11.9325, -18.7657$.

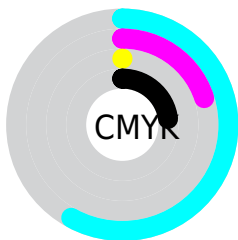
Distribution



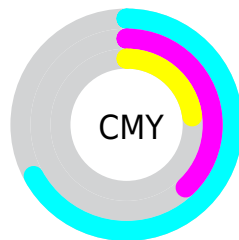
- Red (33%)
- Green (62%)
- Blue (77%)



- Red (33%)
- Yellow (50%)
- Blue (77%)



- Cyan (58%)
- Magenta (20%)
- Yellow (0%)
- Black (23%)



- Cyan (67%)
- Magenta (38%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 54.7578, -12.0415, -23.6647 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 54.7578, -12.0415, -23.6647 by changing the saturation by 10% instead.

■ 54.7578, -12.0415,
-23.6647

■ 54.7578, -12.0415,
-23.6647

173.7342,
-22.9233, -25.7908

■ 44.5280, -10.8447,
-23.1576

■ 77.2262, -14.4203,
-24.5157

■ 35.0280, -9.6333,
-22.6119

■ 89.3887, -15.6116,
-24.8566

■ 26.3203, -8.3945,
-22.0573

■ 102.1301,
-16.8081, -25.1414

■ 18.4847, -7.1071,
-21.5728

■ 115.4253,
-18.0117, -25.3719

■ 11.6320, -5.7312,
-21.3874

129.2520,
-19.2241, -25.5499

■ 4.2629, -7.4601,
-33.9165

143.5905,

0.0000, NaN, -NF

-20.4462, -25.6778

0.0000, NaN, NaN

158.4232,
-21.6791, -25.7574

0.0000, NaN, NaN

■ 54.7578, -12.0415,
-23.6647

■ 54.7578, -12.0415,
-23.6647

■ 51.9033, -11.4967,
-28.5603

■ 57.8082, -11.9325,
-18.7657

■ 49.2507, -10.2625,
-33.4231

■ 61.0402, -11.2188,
-13.8930

■ 46.8053, -8.3279,
-38.2184

■ 64.4427, -9.9551,
-9.0651

■ 44.5556, -5.7496,
-42.9383

■ 68.0035, -8.1967,
-4.2954

■ 44.0881, -5.1627,
-43.9615

■ 71.7109, -5.9962,
0.4086

■ 75.5538, -3.4026,
5.0434

■ 79.5222, -0.4596,
9.6088

■ 83.6066, 2.7936,
14.1066

■ 87.2158, 4.3615,
17.9082

Harmonies

Analogous

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



54.7588, -21.2195, -13.4971



54.7578, -12.0415, -23.6647



54.7588, 0.4247, -25.9609

Triad

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



54.7588, -12.0415, -23.6637



54.7588, 23.9077, 6.0367



54.7588, -17.2798, 18.5703

Complementary

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



54.7578, -12.0415, -23.6647



51.6354, 19.1236, 22.7541

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.



54.7588, -6.1955, 21.5967



54.7578, -12.0415, -23.6647



54.7588, 18.1401, 15.5336

Square

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



54.7588, -12.0415, -23.6637



54.7588, 21.9754, -6.7727



54.7588, 6.8305, 20.6308



54.7588, -24.0429, 11.2157

Rectangle

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



54.7578, -12.0415, -23.6647



54.7588, 9.0815, -22.3246



54.7588, 6.8305, 20.6308



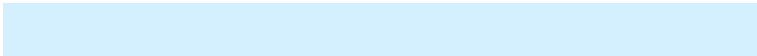
54.7588, -13.9781, 20.0395

Sweetspot

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



54.7588, -12.0415, -23.6637



91.3024, -10.8076, -5.3655



65.7266, -41.4142, 22.8999



41.7822, -5.2488, -3.0810

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



54.7588, -12.0415, -23.6637



68.6590, -15.1037, -39.6550



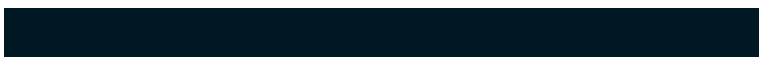
38.7364, 16.1392, -56.7006



33.7890, -3.0199, -0.1441



35.9812, -4.5459, -35.1601



8.6328, -2.2107, -6.0180

Inverse Universe

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



45.2684, 47.7730, -13.0494



55.4267, 75.9251, -18.6502



67.1550, -8.8365, 33.9996



32.7887, 2.0621, 0.2469



29.7438, 54.4312, -7.8652



6.5746, 12.2107, -3.1276

Previews

White Background



This preview shows how the HunterLab color 54.7578, -12.0415, -23.6647 looks on a white background.

Color Contrast Check

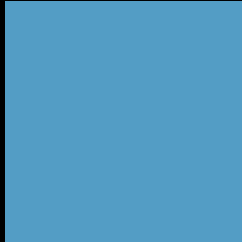
Large Text (above 18pt) WCAG AA ✓ Pass

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 54.7578, -12.0415, -23.6647 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

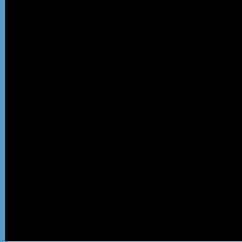
Any Text WCAG AA ✓ Pass

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 54.7578, -12.0415, -23.6647 Background



This preview shows how black text looks on a background with the HunterLab color 54.7578, -12.0415, -23.6647.



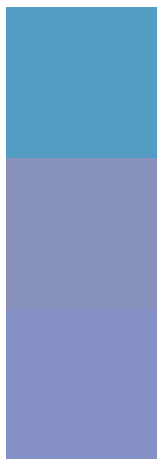
This preview shows how white text looks on a background with the HunterLab color 54.7578, -12.0415, -23.6647.

-12.0415, -23.6647.

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

54.7578, -12.0415, -23.6647

Protanopia

54.3601, 2.6594, -18.9672

Deuteranopia

54.5432, 4.1003, -25.0541



Tritanopia

54.7737, -20.2194, -9.9489

Trichromacy



Original Color

54.7578, -12.0415, -23.6647

Protanomaly

54.2221, -3.5126, -21.1803

Deuteranomaly

54.3459, -2.5817, -24.8440

Tritanomaly

54.8605, -17.6734, -14.3338

Monochromacy



Original Color

54.7578, -12.0415, -23.6647

Achromatopsia

50.8117, -2.7112, 2.7607

Achromatomaly

51.9786, -7.7481, -6.0424

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 54.7578, -12.0415, -23.6647 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(83, 157, 197)` looks like.

```
.text, #text, p{  
    color:rgb(83, 157, 197)  
}
```

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(83, 157, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 157, 197) }
```

Border

The CSS property to change the border of an element to HunterLab 54.7578, -12.0415, -23.6647 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(83, 157, 197) }
```


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

```
.border{ border-color:rgb(83, 157, 197) }
```

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

Here you see how a box with a 4 pixel rgb(83, 157, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 157, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 157, 197);  
box-shadow:4px 4px 4px 4px rgb(83, 157,  
197) }
```

Background

The CSS property to change the background color of an element to HunterLab 54.7578, -12.0415, -23.6647 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 157, 197) }
```

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

```
.background{ background-color: rgb(83, 157,  
197) }
```

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](#).

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