

Converting Colors

HunterLab(44.8528, 6.7761,
-47.7581)

Have a look what the booklet for
HunterLab(44.8528, 6.7761,
-47.7581) contains.

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Color

**HunterLab(44.8528, 6.7761,
-47.7581)**

Conversions

Conversions Part 1

Format	Color
Hex	537ACC
RGB	83, 122, 204
RGB Percent	33%, 48%, 80%
CMY	0.6745, 0.5216, 0.2000
CMYK	0.59, 0.40, 0.00, 0.20
HSL	221°, 54%, 56%
HSV	221°, 59%, 80%
XYZ	21.4259, 20.1177, 59.8807
YIQ	119.6870, -49.5660, 17.2340

Conversions

Conversions Part 2

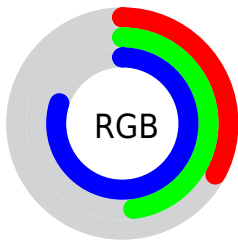
Format	Color
R_{YB}	83, 112, 204
Decimal	5470924
CIE _{Lab}	51.97, 11.33, -46.67
CIE _{LCh}	52, 48.024, 283.643
Yxy	20.1184, 0.2113, 0.1984
Android (android.graphics.Color)	4283661004 (0xFF537ACC)
YUV	119.6870, 41.5663, -32.1745
Hunter-Lab	44.8528, 6.7761, -47.7581

Details

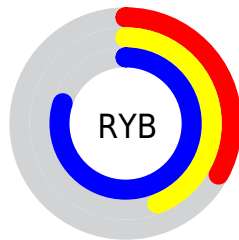
The HunterLab color $44.8528, 6.7761, -47.7581$ is a dark color, and the websafe version is hex $3366CC$. The color can be described as middle muted azure. A complement of this color would be $63.5409, 0.9468, 31.5328$, and the grayscale version is $43.0757, -2.2984, 2.3404$.

A 20% lighter version of the original color is $65.6923, 5.0592, -44.8195$, and $26.5847, 6.3430, -46.9213$ is the 20% darker color. If you saturate the color by 10%, you get $40.2068, 10.9050, -59.2753$, and if you desaturate by 10%, it is $49.8266, 3.5076, -37.2129$.

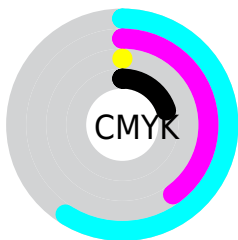
Distribution



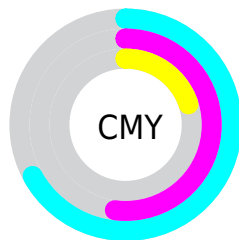
- Red (33%)
- Green (48%)
- Blue (80%)



- Red (33%)
- Yellow (44%)
- Blue (80%)



- Cyan (59%)
- Magenta (40%)
- Yellow (0%)
- Black (20%)



- Cyan (67%)
- Magenta (52%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 44.8528, 6.7761, -47.7581 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 44.8528, 6.7761, -47.7581 by changing the saturation by 10% instead.

■ 44.8528, 6.7761,
-47.7581

■ 44.8528, 6.7761,
-47.7581

■ 158.9199, 5.1932,
-53.6400

■ 35.3287, 6.6397,
-47.2635

■ 66.0421, 6.8171,
-49.1118

■ 26.5937, 6.4084,
-47.0970

■ 77.6172, 6.7381,
-49.8385

■ 18.7279, 6.0640,
-47.6479

■ 89.7992, 6.6013,
-50.5559

■ 11.8405, 5.5784,
-49.9496

■ 102.5593, 6.4116,
-51.2485

■ 4.6710, 10.3177,
-77.6254

■ 115.8722, 6.1728,
-51.9074

0.0000, NaN, -NF

0.0000, NaN, -NF

129.7161, 5.8883,

-52.5273

0.0000, NaN, NaN

144.0712, 5.5609,
-53.1053

0.0000, NaN, NaN

■ 44.8528, 6.7761,
-47.7581

■ 44.8528, 6.7761,
-47.7581

■ 40.2068, 10.9050,
-59.2753

■ 49.8266, 3.5076,
-37.2129

■ 35.9503, 16.0160,
-71.7829

■ 55.0747, 0.9622,
-27.5460

■ 32.1599, 22.1642,
-85.1149

■ 60.5573, -0.9839,
-18.6338

■ 28.8920, 29.1755,
-98.9184

■ 66.2427, -2.4359,
-10.3554

■ 28.6821, 29.6691,
-99.8972

■ 72.1058, -3.4800,
-2.6034

■ 78.1264, -4.1852,
4.7140

■ 84.2883, -4.6069,
11.6729

■ 90.5782, -4.7896,
18.3361

■ 95.8087, -8.8819,
23.5289

Harmonies

Analogous

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



44.8535, -12.4554, -46.9068



44.8528, 6.7761, -47.7581



44.8535, 26.4631, -31.7135

Triad

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



44.8535, 6.7766, -47.7569



44.8535, 28.0237, 20.7164



44.8535, -32.9510, 11.3542

Complementary

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



44.8528, 6.7761, -47.7581



63.5409, 0.9468, 31.5328

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.



44.8535, -25.4109, 21.3180



44.8528, 6.7761, -47.7581



44.8535, 8.6370, 24.9282

Square

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



44.8535, 6.7766, -47.7569



44.8535, 40.0702, 10.0526



44.8535, -10.8854, 25.0875



44.8535, -33.2760, -6.7927

Rectangle

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



44.8528, 6.7761, -47.7581



44.8535, 36.3017, -16.4124



44.8535, -10.8854, 25.0875



44.8535, -31.2431, 15.5448

Sweetspot

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



44.8535, 6.7766, -47.7569



86.0487, -3.3028, -12.2225



69.0607, -38.5809, 11.8608



38.7972, -1.3084, -7.0622

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



44.8535, 6.7766, -47.7569



50.2573, 15.6259, -80.3696



36.6619, 31.3009, -69.2481



33.8001, -1.6290, -1.2512



23.0838, 22.6428, -77.7321



6.4227, 2.3609, -13.1244

Inverse Universe

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



45.1997, 45.3329, 4.4928



52.7495, 69.6797, 9.0660



73.4716, -24.3922, 38.2408



33.5742, 1.6354, 1.5612



28.8806, 50.3624, 11.6589



6.6648, 11.8240, 1.1252

Previews

White Background



This preview shows how the HunterLab color 44.8528, 6.7761, -47.7581 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 44.8528, 6.7761, -47.7581 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

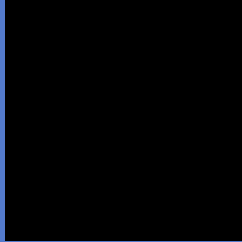
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

HunterLab 44.8528, 6.7761, -47.7581 Background



This preview shows how black text looks on a background with the HunterLab color 44.8528, 6.7761, -47.7581.



This preview shows how white text looks on a background with the HunterLab color 44.8528, 6.7761, -47.7581.

-47.7581.

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

44.8528, 6.7761, -47.7581

Protanopia

44.9001, 8.2230, -46.7962

Deuteranopia

44.8917, 4.0626, -47.7160



Tritanopia

44.6815, -16.9771, -8.3110

Trichromacy



Original Color

44.8528, 6.7761, -47.7581

Protanomaly

44.7356, 7.6888, -47.1812

Deuteranomaly

44.7907, 5.1563, -47.9293

Tritanomaly

44.5833, -9.5074, -20.6714

Monochromacy



Original Color

44.8528, 6.7761, -47.7581

Achromatopsia

43.3383, -2.3124, 2.3547

Achromatomaly

43.6290, -0.7159, -12.9163

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 44.8528, 6.7761, -47.7581 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, 122, 204)` looks like.

```
.text, #text, p{  
    color:rgb(83, 122, 204)  
}
```

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, 122, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 122, 204) }
```

Border

The CSS property to change the border of an element to HunterLab 44.8528, 6.7761, -47.7581 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, 122, 204) }
```


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

```
.border{ border-color:rgb(83, 122, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 122, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 122, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 122, 204);  
box-shadow:4px 4px 4px 4px rgb(83, 122,  
204) }
```

Background

The CSS property to change the background color of an element to HunterLab 44.8528, 6.7761, -47.7581 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 122, 204) }
```

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

```
.background{ background-color: rgb(83, 122,  
204) }
```

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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