

Converting Colors

HunterLab(49.6304, 5.5986,
-31.7327)

Have a look what the booklet for
HunterLab(49.6304, 5.5986,
-31.7327) contains.

HunterLab(49.5404, 5.8594, -31.8733)	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(49.5404, 5.8594,
-31.8733)**

Conversions

Conversions Part 1

Format	Color
Hex	7585C4
RGB	117, 133, 196
RGB Percent	46%, 52%, 77%
CMY	0.5412, 0.4784, 0.2314
CMYK	0.40, 0.32, 0.00, 0.23
HSL	228°, 40%, 61%
HSV	228°, 40%, 77%
XYZ	25.6875, 24.5425, 55.6079
YIQ	135.3980, -29.7590, 16.2010

Conversions

Conversions Part 2

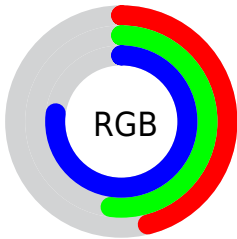
Format	Color
RYB	117, 130, 196
Decimal	7701956
CIELab	56.63, 10.22, -34.65
CIELCh	57, 36.122, 286.438
Yxy	24.5434, 0.2427, 0.2319
Android (android.graphics.Color)	4285892036 (0xFF7585C4)
YUV	135.3980, 29.8768, -16.1350
Hunter-Lab	49.5404, 5.8594, -31.8733

Details

The HunterLab color $49.5404, 5.8594, -31.8733$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $67.5749, -6.5255, 26.7579$, and the grayscale version is $49.2746, -2.6292, 2.6772$.

A 20% lighter version of the original color is $71.4005, 5.8027, -33.0683$, and $30.6327, 5.6379, -30.5576$ is the 20% darker color. If you saturate the color by 10%, you get $43.9984, 9.5846, -43.0965$, and if you desaturate by 10%, it is $55.3619, 2.7618, -21.7684$.

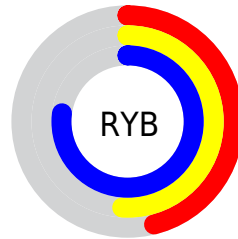
Distribution



Red (46%)

Green (52%)

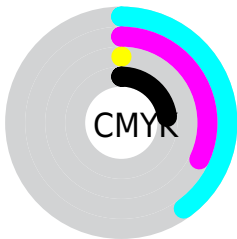
Blue (77%)



Red (46%)

Yellow (51%)

Blue (77%)

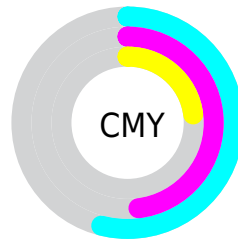


Cyan (40%)

Magenta (32%)

Yellow (0%)

Black (23%)



Cyan (54%)

Magenta (48%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.5404, 5.8594, -31.8733 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 49.5404, 5.8594, -31.8733 by changing the saturation by 10% instead.

■ 49.5404, 5.8594,
-31.8733

■ 49.5404, 5.8594,
-31.8733

165.9989, 3.6349,
-35.7988

■ 39.6702, 5.8200,
-31.2474

■ 71.3551, 5.7272,
-33.0697

■ 30.5588, 5.6971,
-30.6608

■ 83.2167, 5.5706,
-33.6088

■ 22.2768, 5.4754,
-30.2188

■ 95.6713, 5.3606,
-34.0994

■ 14.9175, 5.1326,
-30.1889

108.6917, 5.1015,
-34.5394

■ 8.5659, 4.8348,
-31.6539

122.2545, 4.7967,
-34.9286

0.0000, NaN, -NF

136.3388, 4.4490,

0.0000, NaN, -NF

-35.2674

0.0000, NaN, NaN

150.9258, 4.0610,
-35.5570

0.0000, NaN, NaN

■ 49.5404, 5.8594,
-31.8733

■ 49.5404, 5.8594,
-31.8733

■ 43.9984, 9.5846,
-43.0965

■ 55.3619, 2.7618,
-21.7684

■ 38.7929, 14.0886,
-55.6686

■ 61.4160, 0.1649,
-12.5701

■ 34.0065, 19.5241,
-69.7573

■ 67.6703, -2.0331,
-4.0950

■ 29.7486, 25.9794,
-85.3006

■ 74.0995, -3.9115,
3.8039

■ 26.1574, 33.3260,
-101.6749

■ 80.6840, -5.5315,
11.2431

■ 23.4150, 40.6879,
-117.1003

■ 87.4080, -6.9406,
18.3140

■ 94.2590, -8.1760,
25.0886

■ 98.3695, -14.3430,
28.8862

Harmonies

Analogous

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



49.5413, -9.2859, -32.4599



49.5404, 5.8594, -31.8733



49.5413, 20.2495, -20.4202

Triad

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



49.5413, 5.8592, -31.8721



49.5413, 19.0415, 18.8526



49.5413, -27.8763, 8.7578

Complementary

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



49.5404, 5.8594, -31.8733



67.5749, -6.5255, 26.7579

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.



49.5413, -22.0159, 18.2299



49.5404, 5.8594, -31.8733



49.5413, 4.3630, 22.7629

Square

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



49.5413, 5.8592, -31.8721



49.5413, 28.4626, 9.9070



49.5413, -10.6136, 22.5757



49.5413, -27.5779, -5.7924

Rectangle

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



49.5404, 5.8594, -31.8733



49.5413, 26.9441, -9.6921



49.5413, -10.6136, 22.5757



49.5413, -26.5945, 12.5338

Sweetspot

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



49.5413, 5.8592, -31.8721



89.4751, -2.2149, -7.5958



68.2000, -27.2164, 4.5251



40.8747, -0.8504, -4.2012

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



49.5413, 5.8592, -31.8721



60.3488, 12.0591, -55.5502



47.1500, 19.8463, -36.2706



31.7349, -1.0333, -1.5465



19.0341, 31.7096, -92.2429



5.0635, 3.4593, -13.7965

Inverse Universe

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



51.1398, 26.9484, 6.2561



63.5400, 45.2576, 10.0180



70.5121, -21.3222, 28.9238



31.7970, 1.3613, 1.9231



27.6550, 47.7477, 14.8647



5.8355, 10.2455, 1.8164

Previews

White Background



This preview shows how the HunterLab color 49.5404, 5.8594, -31.8733 looks on a white background.

Color Contrast Check

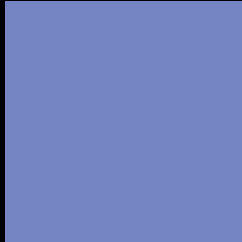
Large Text (above 18pt) WCAG AA ✓ Pass

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 49.5404, 5.8594, -31.8733 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

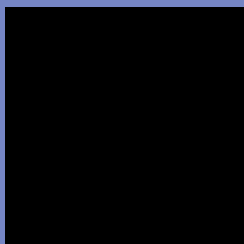
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

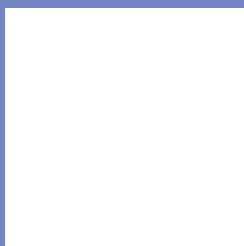
Any Text WCAG AAA × Fail

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

HunterLab 49.5404, 5.8594, -31.8733 Background



This preview shows how black text looks on a background with the HunterLab color 49.5404, 5.8594, -31.8733.



This preview shows how white text looks on a background with the HunterLab color 49.5404, 5.8594, -31.8733.

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

49.5404, 5.8594, -31.8733

Protanopia

49.4018, 5.4006, -32.1420

Deuteranopia

49.4777, 4.2229, -32.0197



Tritanopia

49.4104, -9.8141, -5.8883

Trichromacy



Original Color

49.5404, 5.8594, -31.8733

Protanomaly

49.4708, 5.6291, -32.0081

Deuteranomaly

49.6116, 4.6695, -31.7605

Tritanomaly

49.3523, -4.3353, -14.7597

Monochromacy



Original Color

49.5404, 5.8594, -31.8733

Achromatopsia

49.2221, -2.6264, 2.6743

Achromatomaly

49.0650, -0.3227, -8.3179

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.5404, 5.8594, -31.8733 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(117, 133, 196)` looks like.

```
.text, #text, p{  
    color:rgb(117, 133, 196)  
}
```

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(117, 133, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 133, 196) }
```

Border

The CSS property to change the border of an element to HunterLab 49.5404, 5.8594, -31.8733 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(117, 133, 196) }
```


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

```
.border{ border-color:rgb(117, 133, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 133, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 133, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 133, 196);  
box-shadow:4px 4px 4px 4px rgb(117, 133,  
196) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.5404, 5.8594, -31.8733 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 133, 196) }
```

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

```
.background{ background-color: rgb(117,  
133, 196) }
```

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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