

Converting Colors

HunterLab(31.4610, 45.7211,
-89.8575)

Have a look what the booklet for
HunterLab(31.4610, 45.7211,
-89.8575) contains.

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Color

**HunterLab(31.4610, 45.7211,
-89.8575)**

Conversions

Conversions Part 1

Format	Color
Hex	6437CE
RGB	100, 55, 206
RGB Percent	39%, 22%, 81%
CMY	0.6078, 0.7843, 0.1922
CMYK	0.51, 0.73, 0.00, 0.19
HSL	258°, 61%, 51%
HSV	258°, 73%, 81%
XYZ	17.7623, 9.8979, 59.3669
YIQ	85.6690, -21.6510, 56.5010

Conversions

Conversions Part 2

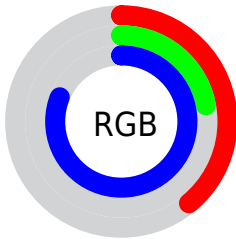
Format	Color
R _Y B	100, 55, 206
Decimal	6567886
CIE Lab	37.66, 54.58, -70.87
CIE LCh	38, 89.452, 307.598
Yxy	9.8982, 0.2041, 0.1137
Android (android.graphics.Color)	4284757966 (0xFF6437CE)
YUV	85.6690, 59.3232, 12.5683
Hunter-Lab	31.4610, 45.7211, -89.8575

Details

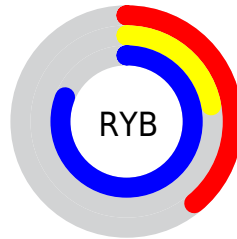
The HunterLab color $31.4610, 45.7211, -89.8575$ is a dark color, and the websafe version is hex $6633CC$. The color can be described as dark muted purple. A complement of this color would be $72.1077, -33.4627, 40.8747$, and the grayscale version is $30.1806, -1.6104, 1.6398$.

A 20% lighter version of the original color is $50.0017, 47.0861, -80.5471$, and $15.7418, 40.9461, -98.2600$ is the 20% darker color. If you saturate the color by 10%, you get $27.5321, 52.4409, -107.8648$, and if you desaturate by 10%, it is $36.3027, 38.2407, -72.3290$.

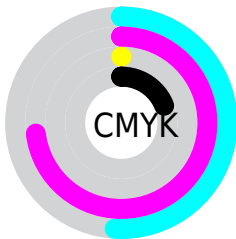
Distribution



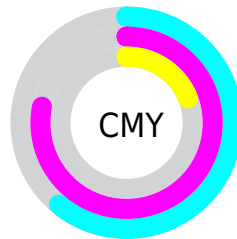
- Red (39%)
- Green (22%)
- Blue (81%)



- Red (39%)
- Yellow (22%)
- Blue (81%)



- Cyan (51%)
- Magenta (73%)
- Yellow (0%)
- Black (19%)



- Cyan (61%)
- Magenta (78%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 31.4610, 45.7211, -89.8575 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 31.4610, 45.7211, -89.8575 by changing the saturation by 10% instead.

31.4610, 45.7211,
-89.8575

31.4610, 45.7211,
-89.8575

137.8202, 60.0737,
-92.8135

23.0901, 43.6899,
-92.9333

50.6003, 49.6139,
-88.1338

15.6303, 41.7606,
-99.6489

61.2467, 51.4097,
-88.2794

9.2082, 40.4435,
-115.5761

72.5501, 53.0981,
-88.7464

0.0000, INF, -NF

0.0000, NaN, -NF

84.4742, 54.6819,
-89.4085

0.0000, NaN, -NF

96.9883, 56.1660,
-90.1880

0.0000, NaN, NaN

110.0657, 57.5558,

0.0000, NaN, NaN

-91.0354

123.6832, 58.8567,
-91.9179

■ 31.4610, 45.7211,
-89.8575

■ 31.4610, 45.7211,
-89.8575

■ 27.5321, 52.4409,
-107.8648

■ 36.3027, 38.2407,
-72.3290

■ 24.7139, 57.1438,
-123.8588

■ 41.8566, 30.7365,
-56.3836

■ 23.3688, 59.0885,
-132.7166

■ 47.9649, 23.5121,
-42.2126

■ 54.5114, 16.6386,
-29.6307

■ 61.4128, 10.0924,
-18.3555

■ 68.6088, 3.8203,
-8.1183

■ 76.0554, -2.2330,
1.3049

■ 83.7192, -8.1167,
10.0915

■ 91.5749, -13.8712,
18.3789

Harmonies

Analogous

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



31.4614, 6.9340, -130.5310



31.4610, 45.7211, -89.8575



31.4614, 78.4910, -30.0295

Triad

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



31.4614, 45.7223, -89.8563



31.4614, 25.5719, 22.0230



31.4614, -42.5419, -7.1152

Complementary

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



31.4610, 45.7211, -89.8575



72.1077, -33.4627, 40.8747

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.



31.4614, -40.9048, 16.9077



31.4610, 45.7211, -89.8575



31.4614, -9.4573, 22.0230

Square

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



31.4614, 45.7223, -89.8563



31.4614, 63.9611, 20.6589



31.4614, -31.2510, 22.0230



31.4614, -37.2491, -59.6051

Rectangle

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



31.4610, 45.7211, -89.8575



31.4614, 87.1869, -0.8582



31.4614, -31.2510, 22.0230



31.4614, -42.7270, 4.0831

Sweetspot

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



31.4614, 45.7223, -89.8563



79.0962, 12.0104, -21.9684



56.1604, -16.1132, -27.3231



35.4542, 6.5927, -11.9018

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



31.4614, 45.7223, -89.8563



32.7828, 70.6449, -149.6673



40.1313, 62.3318, -60.4497



33.1713, 0.6632, -2.0166



18.4580, 46.4757, -103.3095



4.6419, 10.9989, -20.6401

Inverse Universe

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



42.9270, 63.1491, -19.0110



50.8480, 89.3809, -22.6569



68.1759, -49.2475, 38.0042



33.6817, 2.2123, 0.0316



30.5763, 56.5132, -12.4159



7.0376, 13.1666, -4.0921

Previews

White Background



This preview shows how the HunterLab color 31.4610, 45.7211, -89.8575 looks on a white background.

Color Contrast Check

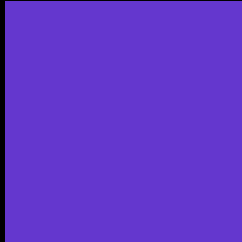
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the HunterLab color 31.4610, 45.7211, -89.8575 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

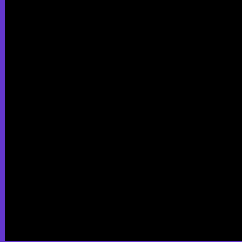
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

HunterLab 31.4610, 45.7211, -89.8575 Background



This preview shows how black text looks on a background with the HunterLab color 31.4610, 45.7211, -89.8575.



This preview shows how white text looks on a background with the HunterLab color 31.4610, 45.7211, -89.8575.

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

31.4610, 45.7211, -89.8575

Deuteranopia

31.3827, 0.0106, -39.2485

Tritanopia

31.5876, -6.6885, -3.2833

Trichromacy



Original Color

31.4610, 45.7211, -89.8575

Deuteranomaly

29.7991, 14.2936, -61.0625

Tritanomaly

30.2680, 10.5124, -29.0116

Monochromacy



Original Color

31.4610, 45.7211, -89.8575

Achromatopsia

30.5056, -1.6277, 1.6574

Achromatomaly

29.7792, 12.9809, -23.4708

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 31.4610, 45.7211, -89.8575 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(100, 55, 206)` looks like.

```
.text, #text, p{  
    color:rgb(100, 55, 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(100, 55, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 55, 206) }
```

Border

The CSS property to change the border of an element to HunterLab 31.4610, 45.7211, -89.8575 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(100, 55, 206) }
```

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

```
.border{ border-color:rgb(100, 55, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 55, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 55, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 55, 206);  
box-shadow:4px 4px 4px 4px rgb(100, 55,  
206) }
```


Background

The CSS property to change the background color of an element to HunterLab 31.4610, 45.7211, -89.8575 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 55, 206) }
```

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

```
.background{ background-color: rgb(100, 55,  
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](#).

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