

Converting Colors

HunterLab(31.2514, 3.6824,
-18.7774)

Have a look what the booklet for
HunterLab(31.2514, 3.6824,
-18.7774) contains.

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Color

**HunterLab(31.2501, 3.6839,
-18.7742)**

Conversions

Conversions Part 1

Format	Color
Hex	4D567F
RGB	77, 86, 127
RGB Percent	30%, 34%, 50%
CMY	0.6980, 0.6627, 0.5020
CMYK	0.39, 0.32, 0.00, 0.50
HSL	229°, 25%, 40%
HSV	229°, 39%, 50%
XYZ	10.2191, 9.7657, 21.4251
YIQ	87.9830, -18.5250, 10.8430

Conversions

Conversions Part 2

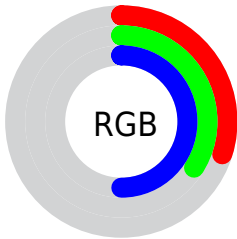
Format	Color
R_{YB}	77, 85, 127
Decimal	5068415
CIE Lab	37.42, 7.50, -24.23
CIE LCh	37, 25.361, 287.205
Yxy	9.7661, 0.2468, 0.2358
Android (android.graphics.Color)	4283258495 (0xFF4D567F)
YUV	87.9830, 19.2354, -9.6321
Hunter-Lab	31.2501, 3.6839, -18.7742

Details

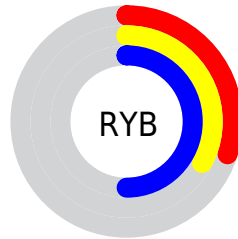
The HunterLab color $31.2501, 3.6839, -18.7742$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $42.4324, -4.5488, 16.2559$, and the grayscale version is $31.1698, -1.6631, 1.6935$.

A 20% lighter version of the original color is $50.4904, 3.3639, -19.5347$, and $15.4364, 3.5949, -18.1096$ is the 20% darker color. If you saturate the color by 10%, you get $27.8293, 5.9531, -25.5253$, and if you desaturate by 10%, it is $34.8323, 1.7642, -12.6830$.

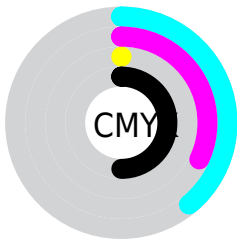
Distribution



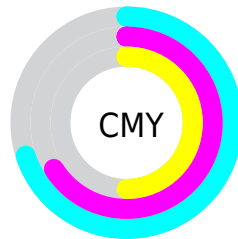
- Red (30%)
- Green (34%)
- Blue (50%)



- Red (30%)
- Yellow (33%)
- Blue (50%)



- Cyan (39%)
- Magenta (32%)
- Yellow (0%)
- Black (50%)



- Cyan (70%)
- Magenta (66%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 31.2501, 3.6839, -18.7742 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 31.2501, 3.6839, -18.7742 by changing the saturation by 10% instead.

■ 31.2501, 3.6839,
-18.7742

■ 31.2501, 3.6839,
-18.7742

■ 137.4751, 1.2520,
-21.2412

■ 22.9000, 3.6387,
-18.2519

■ 50.3533, 3.5311,
-19.7225

■ 15.4635, 3.4901,
-17.7864

■ 60.9835, 3.3547,
-20.1137

■ 9.0629, 3.2408,
-17.6647

■ 72.2716, 3.1214,
-20.4441

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 84.1812, 2.8363,
-20.7145

0.0000, NaN, NaN

■ 96.6814, 2.5037,
-20.9270

0.0000, NaN, NaN

109.7457, 2.1269,

0.0000, NaN, NaN

-21.0839

0.0000, NaN, NaN

123.3504, 1.7088,
-21.1878

■ 31.2501, 3.6839,
-18.7742

■ 31.2501, 3.6839,
-18.7742

■ 27.8293, 5.9531,
-25.5253

■ 34.8323, 1.7642,
-12.6830

■ 24.6017, 8.6568,
-33.0792

■ 38.5495, 0.1238,
-7.1256

■ 21.6132, 11.8833,
-41.5550

■ 42.3835, -1.2935,
-1.9943

■ 18.9257, 15.6944,
-50.9663

■ 46.3201, -2.5317,
2.7968

■ 16.6189, 20.0490,
-61.0426

■ 50.3480, -3.6248,
7.3158

■ 14.7344, 24.5822,
-71.2861

■ 54.4583, -4.5995,
11.6161

■ 14.6272, 24.8559,
-71.9396

■ 58.6437, -5.4764,
15.7399

■ 62.8983, -6.2720,
19.7208

■ 67.2169, -6.9994,
23.5852

Harmonies

Analogous

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



31.2507, -5.4550, -19.3054



31.2501, 3.6839, -18.7742



31.2507, 12.2535, -11.8712

Triad

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



31.2507, 3.6837, -18.7735



31.2507, 11.1458, 11.6257



31.2507, -16.9841, 5.1713

Complementary

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



31.2501, 3.6839, -18.7742



42.4324, -4.5488, 16.2559

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.



31.2507, -13.5137, 11.0372



31.2501, 3.6839, -18.7742



31.2507, 2.3060, 13.9795

Square

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



31.2507, 3.6837, -18.7735



31.2507, 16.8888, 6.2401



31.2507, -6.6843, 13.8006



31.2507, -16.7054, -3.6410

Rectangle

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



31.2501, 3.6839, -18.7742



31.2507, 16.1774, -5.4690



31.2507, -6.6843, 13.8006



31.2507, -16.2357, 7.4935

Sweetspot

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



31.2507, 3.6837, -18.7735



55.2056, -1.2048, -4.6201



42.4981, -15.9454, 2.0682



26.4529, -0.4897, -2.5768



80.9895, -4.3214, 4.4003



29.8298, -1.5916, 1.6207

Same Dimension

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



31.2507, 3.6837, -18.7735



37.8000, 7.5575, -32.9736



30.2638, 11.8140, -20.4816



20.8022, -0.6505, -0.9119



14.6839, 24.9804, -72.2790

0.0000, NaN, NaN

Inverse Universe

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



32.3915, 15.4299, 4.1137



39.9889, 26.1796, 6.5120



43.7095, -13.1693, 17.1785



20.8709, 0.7392, 1.3028



21.4760, 37.0654, 11.6517

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 31.2501, 3.6839, -18.7742 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 31.2501, 3.6839, -18.7742 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

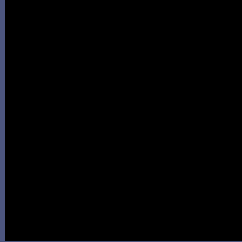
Any Text WCAG AA × Fail

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 31.2501, 3.6839, -18.7742 Background



This preview shows how black text looks on a background with the HunterLab color 31.2501, 3.6839, -18.7742.



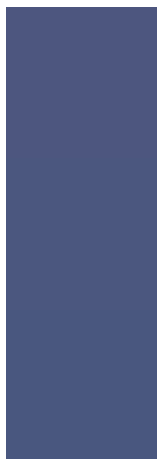
This preview shows how white text looks on a background with the HunterLab color 31.2501, 3.6839, -18.7742.

-18.7742.

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

31.2501, 3.6839, -18.7742

Protanopia

31.3760, 2.7825, -18.5594

Deuteranopia

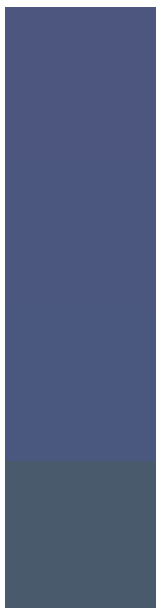
31.2493, 2.3587, -18.7988



Tritanopia

31.3962, -6.0202, -3.0511

Trichromacy



Original Color

31.2501, 3.6839, -18.7742

Protanomaly

31.4407, 2.9981, -18.4376

Deuteranomaly

31.3122, 2.5693, -18.6798

Tritanomaly

31.3575, -2.7095, -8.0808

Monochromacy



Original Color

31.2501, 3.6839, -18.7742

Achromatopsia

31.2390, -1.6668, 1.6973

Achromatomaly

31.0814, -0.0486, -4.8276

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 31.2501, 3.6839, -18.7742 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(77, 86, 127)` looks like.

```
.text, #text, p{  
    color:rgb(77, 86, 127)  
}
```

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(77, 86, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 86, 127) }
```

Border

The CSS property to change the border of an element to HunterLab 31.2501, 3.6839, -18.7742 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(77, 86, 127) }
```


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

```
.border{ border-color:rgb(77, 86, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 86, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 86, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 86, 127);  
box-shadow:4px 4px 4px 4px rgb(77, 86,  
127) }
```

Background

The CSS property to change the background color of an element to HunterLab 31.2501, 3.6839, -18.7742 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 86, 127) }
```

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

```
.background{ background-color: rgb(77, 86,  
127) }
```

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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