

Converting Colors

HunterLab(51.3401, -13.0766,
4.5072)

Have a look what the booklet for
HunterLab(51.3401, -13.0766,
4.5072) contains.

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Color

**HunterLab(51.3401,
-13.0766, 4.5072)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 749388 |
| RGB | 116, 147, 136 |
| RGB Percent | 45%, 58%, 53% |
| CMY | 0.5451, 0.4235, 0.4667 |
| CMYK | 0.21, 0.00, 0.07, 0.42 |
| HSL | 159°, 13%, 52% |
| HSV | 159°, 21%, 58% |
| XYZ | 22.0801, 26.3581, 27.2165 |
| YIQ | 136.4770, -14.9450, -9.9930 |

Conversions

Conversions Part 2

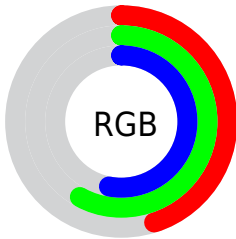
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 116, 135, 147 |
| Decimal | 7639944 |
| CIE _{Lab} | 58.38, -13.22, 2.25 |
| CIE _{LCh} | 58, 13.407, 170.344 |
| Yxy | 26.3592, 0.2919, 0.3484 |
| Android (android.graphics.Color) | 4285830024 (0xFF749388) |
| YUV | 136.4770, -0.2352, -17.9583 |
| Hunter-Lab | 51.3401, -13.0766, 4.5072 |

Details

The HunterLab color $51.3401, -13.0766, 4.5072$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $44.9743, 9.0472, 1.3999$, and the grayscale version is $49.8142, -2.6580, 2.7065$.

A 20% lighter version of the original color is $73.3296, -15.8163, 5.9819$, and $31.9858, -10.3408, 3.2089$ is the 20% darker color. If you saturate the color by 10%, you get $50.2846, -17.2970, 5.4543$, and if you desaturate by 10%, it is $52.5353, -8.4476, 3.6887$.

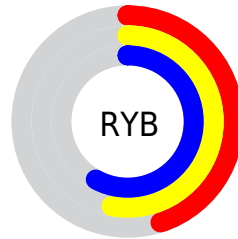
Distribution



Red (45%)

Green (58%)

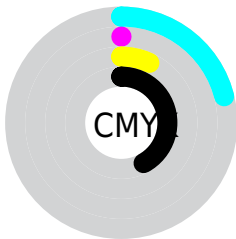
Blue (53%)



Red (45%)

Yellow (53%)

Blue (58%)

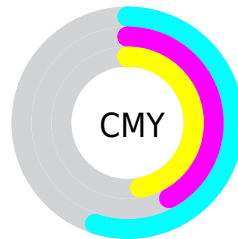


Cyan (21%)

Magenta (0%)

Yellow (7%)

Black (42%)



Cyan (55%)

Magenta (42%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.3401, -13.0766, 4.5072 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 51.3401, -13.0766, 4.5072 by changing the saturation by 10% instead.

■ 51.3401, -13.0766,
4.5072

■ 51.3401, -13.0766,
4.5072

168.6833,
-24.7286, 11.7536

■ 41.3431, -11.7613,
3.8400

■ 73.3851, -15.6653,
5.9317

■ 32.0944, -10.4162,
3.2024

■ 85.3525, -16.9500,
6.6859

■ 23.6614, -9.0237,
2.5956

■ 97.9079, -18.2342,
7.4671

■ 16.1326, -7.5520,
2.0192

111.0248,
-19.5209, 8.2747

■ 9.6331, -6.5047,
1.4964

124.6802,
-20.8122, 9.1077

0.0000, NaN, NaN

138.8537,

0.0000, NaN, NaN

-22.1098, 9.9657

0.0000, NaN, NaN

153.5269,
-23.4149, 10.8478

0.0000, NaN, NaN

■ 51.3401, -13.0766,
4.5072

■ 51.3401, -13.0766,
4.5072

■ 50.2846, -17.2970,
5.4543

■ 52.5353, -8.4476,
3.6887

■ 49.3667, -21.0704,
6.5197

■ 53.8643, -3.4474,
3.0016

■ 48.5870, -24.3695,
7.6924

■ 55.3247, 1.8806,
2.4488

■ 47.9428, -27.1762,
8.9578

■ 56.9117, 7.4943,
2.0298

■ 47.4292, -29.4856,
10.2982

■ 58.6203, 13.3527,
1.7420

■ 47.0386, -31.3082,
11.6931

■ 60.4448, 19.4181,
1.5810

■ 46.7599, -32.6736,
13.1197

■ 62.3796, 25.6561,
1.5415

■ 46.5743, -33.6274,
14.3780

■ 64.4187, 32.0360,
1.6168

■ 66.5564, 38.5315,
1.8004

Harmonies

Analogous

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



51.3412, -10.8877, 8.9961



51.3401, -13.0766, 4.5072



51.3412, -12.5922, -0.9524

Triad

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



51.3412, -13.0775, 4.5079



51.3412, 1.1126, -7.9393



51.3412, 4.4197, 10.1712

Complementary

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



51.3401, -13.0766, 4.5072



44.9743, 9.0472, 1.3999

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.



51.3412, 7.9113, 6.2790



51.3401, -13.0766, 4.5072



51.3412, 5.9451, -4.2921

Square

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



51.3412, -13.0775, 4.5079



51.3412, -4.5624, -8.5463



51.3412, 8.4814, 1.0202



51.3412, -0.8963, 12.0230

Rectangle

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



51.3401, -13.0766, 4.5072



51.3412, -10.8087, -4.4010



51.3412, 8.4814, 1.0202



51.3412, 5.8553, 9.0793

Sweetspot

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



51.3412, -13.0775, 4.5079



71.1636, -8.0402, 4.4572



51.6428, -12.9712, 12.6248



33.9521, -4.0250, 2.1550



86.5109, -4.6160, 4.7003



34.5370, -1.8428, 1.8765

Same Dimension

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



51.3412, -13.0775, 4.5079



68.0562, -20.0695, 6.5725



50.4238, -9.3979, -1.5526



25.5492, -3.6472, 1.7182



43.3699, -31.2756, 13.3065



4.8564, -3.1043, 0.6312

Inverse Universe

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



44.9743, 9.0472, 1.3999



57.8253, 15.5448, 1.6128



45.7491, 5.4585, 6.8718



24.1813, 1.0928, 1.0432



23.6608, 41.4524, 8.0609



2.7158, 4.9429, -0.5094

Previews

White Background



This preview shows how the HunterLab color 51.3401, -13.0766, 4.5072 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 51.3401, -13.0766, 4.5072 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 51.3401, -13.0766, 4.5072 Background



This preview shows how black text looks on a background with the HunterLab color 51.3401, -13.0766, 4.5072.



This preview shows how white text looks on a background with the HunterLab color 51.3401, -13.0766, 4.5072.

-13.0766, 4.5072.

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

51.3401, -13.0766, 4.5072

Protanopia

51.0495, -2.2742, 6.0630

Deuteranopia

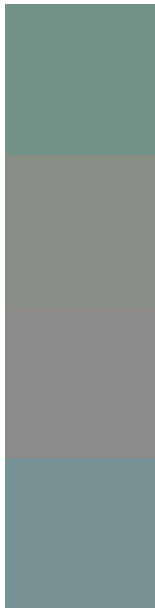
51.0225, 3.6921, 3.5636



Tritanopia

51.3224, -7.3166, -4.8388

Trichromacy



Original Color

51.3401, -13.0766, 4.5072

Protanomaly

51.0958, -6.4898, 5.6224

Deuteranomaly

50.8398, -2.7275, 3.6788

Tritanomaly

51.3251, -9.2795, -1.3824

Monochromacy



Original Color

51.3401, -13.0766, 4.5072

Achromatopsia

49.6187, -2.6475, 2.6959

Achromatomaly

50.2005, -6.5122, 3.3093

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.3401, -13.0766, 4.5072 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(116, 147, 136)` looks like.

```
.text, #text, p{  
    color:rgb(116, 147, 136)  
}
```

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(116, 147, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 147, 136) }
```

Border

The CSS property to change the border of an element to HunterLab 51.3401, -13.0766, 4.5072 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(116, 147, 136) }
```


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

```
.border{ border-color:rgb(116, 147, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 147, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 147, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 147, 136);  
box-shadow:4px 4px 4px 4px rgb(116, 147,  
136) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.3401, -13.0766, 4.5072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 147, 136) }
```

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

```
.background{ background-color: rgb(116,  
147, 136) }
```

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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