

Converting Colors

HunterLab(31.4758, 0.7717,
-21.0387)

Have a look what the booklet for
HunterLab(31.4758, 0.7717,
-21.0387) contains.

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Color

**HunterLab(31.4758, 0.7717,
-21.0387)**

Conversions

Conversions Part 1

Format	Color
Hex	415983
RGB	65, 89, 131
RGB Percent	25%, 35%, 51%
CMY	0.7451, 0.6510, 0.4863
CMYK	0.50, 0.32, 0.00, 0.49
HSL	218°, 34%, 38%
HSV	218°, 50%, 51%
XYZ	9.8491, 9.9073, 22.8659
YIQ	86.6120, -27.7860, 7.9740

Conversions

Conversions Part 2

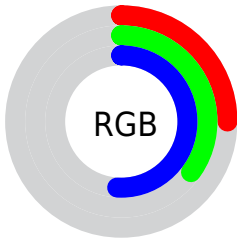
Format	Color
R_{YB}	65, 83, 131
Decimal	4282755
CIE _{Lab}	37.68, 3.49, -26.33
CIE _{LCh}	38, 26.565, 277.548
Yxy	9.9076, 0.2311, 0.2324
Android (android.graphics.Color)	4282472835 (0xFF415983)
YUV	86.6120, 21.8833, -18.9537
Hunter-Lab	31.4758, 0.7717, -21.0387

Details

The HunterLab color $[31.4758, 0.7717, -21.0387]$ is a dark color, and the websafe version is hex 336699 . A complement of this color would be $[39.6520, 0.7100, 16.9673]$, and the grayscale version is $[30.6600, -1.6359, 1.6658]$.

A 20% lighter version of the original color is $[50.7029, 0.0588, -21.7836]$, and $[15.6431, 0.9920, -19.8483]$ is the 20% darker color. If you saturate the color by 10%, you get $[28.6380, 2.3995, -26.7672]$, and if you desaturate by 10%, it is $[34.4597, -0.4600, -15.7195]$.

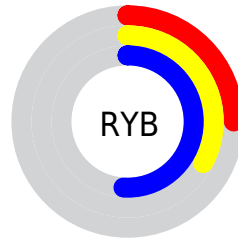
Distribution



Red (25%)

Green (35%)

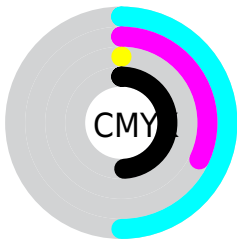
Blue (51%)



Red (25%)

Yellow (33%)

Blue (51%)

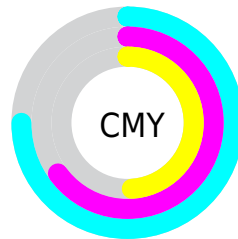


Cyan (50%)

Magenta (32%)

Yellow (0%)

Black (49%)



Cyan (75%)

Magenta (65%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 31.4758, 0.7717, -21.0387 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 31.4758, 0.7717, -21.0387 by changing the saturation by 10% instead.

■ 31.4758, 0.7717,
-21.0387

■ 31.4758, 0.7717,
-21.0387

■ 137.8446, -3.3869,
-24.0015

■ 23.1036, 0.9863,
-20.5003

■ 50.6178, 0.1585,
-22.0725

■ 15.6421, 1.1248,
-20.0629

■ 61.2654, -0.2261,
-22.5179

■ 9.2184, 1.1772,
-20.0589

■ 72.5699, -0.6563,
-22.9058

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 84.4950, -1.1286,
-23.2354

0.0000, NaN, NaN

■ 97.0101, -1.6400,
-23.5078

0.0000, NaN, NaN

110.0885, -2.1881,

0.0000, NaN, NaN

-23.7248

0.0000, NaN, NaN

123.7068, -2.7710,
-23.8886

■ 31.4758, 0.7717,
-21.0387

■ 31.4758, 0.7717,
-21.0387

■ 28.6380, 2.3995,
-26.7672

■ 34.4597, -0.4600,
-15.7195

■ 25.9683, 4.4913,
-32.9461

■ 37.5690, -1.3578,
-10.7617

■ 23.4953, 7.1118,
-39.5842

■ 40.7885, -1.9751,
-6.1137

■ 21.2517, 10.3034,
-46.6316

■ 44.1057, -2.3565,
-1.7288

■ 19.2948, 13.7747,
-53.8524

■ 47.5103, -2.5386,
2.4343

■ 50.9937, -2.5514,
6.4110

■ 54.5488, -2.4193,
10.2311

■ 58.1697, -2.1623,
13.9196

■ 61.8513, -1.7969,
17.4974

Harmonies

Analogous

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



31.4764, -8.4028, -19.1284



31.4758, 0.7717, -21.0387



31.4764, 10.3318, -15.5571

Triad

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



31.4764, 0.7717, -21.0380



31.4764, 14.2710, 10.6207



31.4764, -16.9415, 7.6903

Complementary

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



31.4758, 0.7717, -21.0387



39.6520, 0.7100, 16.9673

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.



31.4764, -12.1253, 12.6690



31.4758, 0.7717, -21.0387



31.4764, 5.6565, 13.9746

Square

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



31.4764, 0.7717, -21.0380



31.4764, 18.7086, 3.9263



31.4764, -4.0612, 14.5922



31.4764, -17.9198, -0.6729

Rectangle

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



31.4758, 0.7717, -21.0387



31.4764, 15.3936, -9.1967



31.4764, -4.0612, 14.5922



31.4764, -15.7481, 9.7309

Sweetspot

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



31.4764, 0.7717, -21.0380



56.8021, -2.9362, -5.1875



42.9115, -21.2687, 6.9261



27.0219, -1.3702, -3.0168



82.0889, -4.3801, 4.4600



30.7619, -1.6414, 1.6714

Same Dimension

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



31.4764, 0.7717, -21.0380



37.9535, 3.4628, -36.6231



26.2062, 14.0524, -32.1869



21.9120, -1.1759, -0.5908



19.1554, 13.6366, -53.3802



1.6037, -0.1311, -1.7214

Inverse Universe

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



30.5411, 22.8475, 0.8708



37.2145, 37.6698, 2.0333



45.5704, -12.6691, 21.3512



21.7132, 0.9469, 0.9199



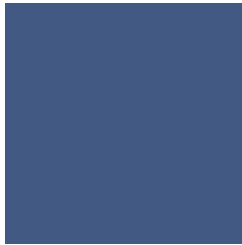
22.2651, 39.0620, 7.1603



1.3597, 2.4779, -0.2799

Previews

White Background



This preview shows how the HunterLab color 31.4758, 0.7717, -21.0387 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 31.4758, 0.7717, -21.0387 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

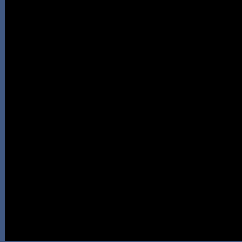
Any Text WCAG AA × Fail

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 31.4758, 0.7717, -21.0387 Background



This preview shows how black text looks on a background with the HunterLab color 31.4758, 0.7717, -21.0387.

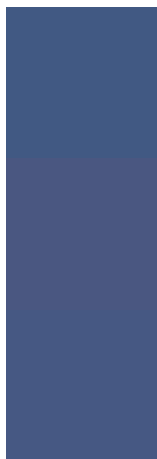


This preview shows how white text looks on a background with the HunterLab color 31.4758, 0.7717, -21.0387.

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

31.4758, 0.7717, -21.0387

Protanopia

31.3962, 3.0175, -19.8219

Deuteranopia

31.4964, 2.1906, -20.9748



Tritanopia

31.5982, -9.4189, -4.2809

Trichromacy



Original Color

31.4758, 0.7717, -21.0387

Protanomaly

31.5131, 2.1609, -20.2783

Deuteranomaly

31.3801, 1.7995, -21.2032

Tritanomaly

31.5448, -5.9813, -10.0307

Monochromacy



Original Color

31.4758, 0.7717, -21.0387

Achromatopsia

30.8719, -1.6472, 1.6773

Achromatomaly

31.0177, -1.5537, -5.4424

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 31.4758, 0.7717, -21.0387 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(65, 89, 131)` looks like.

```
.text, #text, p{  
    color:rgb(65, 89, 131)  
}
```

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(65, 89, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 89, 131) }
```

Border

The CSS property to change the border of an element to HunterLab 31.4758, 0.7717, -21.0387 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(65, 89, 131) }
```


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

```
.border{ border-color:rgb(65, 89, 131) }
```

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

Here you see how a box with a 4 pixel rgb(65, 89, 131) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 89, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 89, 131);  
box-shadow:4px 4px 4px 4px rgb(65, 89,  
131) }
```

Background

The CSS property to change the background color of an element to HunterLab 31.4758, 0.7717, -21.0387 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 89, 131) }
```

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

```
.background{ background-color: rgb(65, 89,  
131) }
```

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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