

Converting Colors

HunterLab(31.1427, 3.8752,
-14.5118)

Have a look what the booklet for
HunterLab(31.1427, 3.8752,
-14.5118) contains.

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Color

**HunterLab(31.1321, 4.0360,
-14.5869)**

Conversions

Conversions Part 1

Format	Color
Hex	535578
RGB	83, 85, 120
RGB Percent	33%, 33%, 47%
CMY	0.6745, 0.6667, 0.5294
CMYK	0.31, 0.29, 0.00, 0.53
HSL	237°, 18%, 40%
HSV	237°, 31%, 47%
XYZ	10.2060, 9.6921, 19.1021
YIQ	88.3920, -12.4270, 10.4610

Conversions

Conversions Part 2

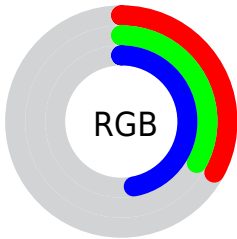
Format	Color
R_{YB}	83, 85, 120
Decimal	5461368
CIE Lab	37.28, 7.98, -20.09
CIE LCh	37, 21.619, 291.659
Yxy	9.6925, 0.2617, 0.2485
Android (android.graphics.Color)	4283651448 (0xFF535578)
YUV	88.3920, 15.5827, -4.7288
Hunter-Lab	31.1321, 4.0360, -14.5869

Details

The HunterLab color $31.1321, 4.0360, -14.5869$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $41.9221, -6.1499, 14.1500$, and the grayscale version is $31.3315, -1.6718, 1.7023$.

A 20% lighter version of the original color is $50.2922, 3.5000, -14.9615$, and $15.3218, 3.7528, -13.5609$ is the 20% darker color. If you saturate the color by 10%, you get $27.4714, 6.5989, -21.3076$, and if you desaturate by 10%, it is $34.9563, 1.7620, -8.5684$.

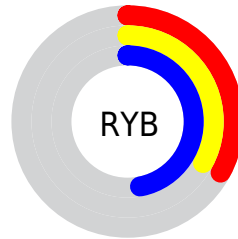
Distribution



Red (33%)

Green (33%)

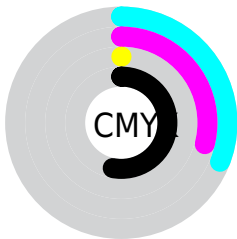
Blue (47%)



Red (33%)

Yellow (33%)

Blue (47%)

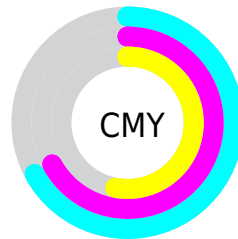


Cyan (31%)

Magenta (29%)

Yellow (0%)

Black (53%)



Cyan (67%)

Magenta (67%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 31.1321, 4.0360, -14.5869 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 31.1321, 4.0360, -14.5869 by changing the saturation by 10% instead.

■ 31.1321, 4.0360,
-14.5869

■ 31.1321, 4.0360,
-14.5869

■ 137.2817, 1.8121,
-15.9576

■ 22.7937, 3.9594,
-14.1312

■ 50.2150, 3.9384,
-15.3208

■ 15.3702, 3.7764,
-13.6602

■ 60.8360, 3.7872,
-15.5889

■ 8.9803, 3.5062,
-13.3554

■ 72.1155, 3.5776,
-15.7926

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 84.0170, 3.3151,
-15.9351

0.0000, NaN, NaN

■ 96.5095, 3.0040,
-16.0197

0.0000, NaN, NaN

109.5663, 2.6479,

0.0000, NaN, NaN

-16.0497

0.0000, NaN, NaN

123.1639, 2.2498,
-16.0281

■ 31.1321, 4.0360,
-14.5869

■ 31.1321, 4.0360,
-14.5869

■ 27.4714, 6.5989,
-21.3076

■ 34.9563, 1.7620,
-8.5684

■ 24.0080, 9.5322,
-28.9230

■ 38.9165, -0.2874,
-3.0970

■ 20.7932, 12.9226,
-37.6293

■ 42.9943, -2.1629,
1.9506

■ 17.8996, 16.8284,
-47.5347

■ 47.1756, -3.9029,
6.6685

■ 15.4287, 21.1824,
-58.4074

■ 51.4491, -5.5364,
11.1282

■ 13.5087, 25.6077,
-69.2183

■ 55.8062, -7.0857,
15.3847

■ 12.2348, 29.0777,
-78.0629

■ 60.2396, -8.5678,
19.4800

■ 64.7435, -9.9960,
23.4470

■ 69.3130, -11.3807,
27.3112

Harmonies

Analogous

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



31.1327, -3.7970, -15.8659



31.1321, 4.0360, -14.5869



31.1327, 10.9206, -8.4543

Triad

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



31.1327, 4.0357, -14.5862



31.1327, 8.1404, 10.8955



31.1327, -15.0886, 3.6833

Complementary

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



31.1321, 4.0360, -14.5869



41.9221, -6.1499, 14.1500

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.



31.1327, -12.5190, 9.2739



31.1321, 4.0360, -14.5869



31.1327, 0.5304, 12.7181

Square

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



31.1327, 4.0357, -14.5862



31.1327, 13.4473, 6.4898



31.1327, -6.9788, 12.2076



31.1327, -14.3476, -4.0101

Rectangle

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



31.1321, 4.0360, -14.5869



31.1327, 13.7973, -3.1087



31.1327, -6.9788, 12.2076



31.1327, -14.5931, 5.8368

Sweetspot

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



31.1327, 4.0357, -14.5862



52.4726, -0.7961, -2.9941



40.7052, -11.9184, 0.1197



25.2285, -0.2357, -1.8651



78.7982, -4.2045, 4.2813



27.9800, -1.4929, 1.5202

Same Dimension

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



31.1327, 4.0357, -14.5862



37.8284, 7.7113, -25.5396



31.9335, 9.1417, -13.1548



19.8120, -0.3131, -1.0943



12.7516, 30.4834, -81.7432



27.1321, 69.5870, -184.1311

Inverse Universe

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



32.9178, 10.0624, 4.9795



40.8650, 17.3538, 7.5814



41.2295, -11.6130, 13.4332



20.0455, 0.5951, 1.5184



20.9070, 35.8746, 12.9607



45.6183, 78.1902, 28.9548

Previews

White Background



This preview shows how the HunterLab color 31.1321, 4.0360, -14.5869 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 31.1321, 4.0360, -14.5869 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

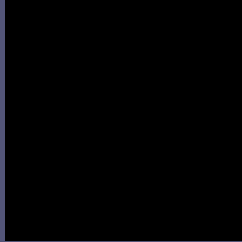
Any Text WCAG AA × Fail

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 31.1321, 4.0360, -14.5869 Background



This preview shows how black text looks on a background with the HunterLab color 31.1321, 4.0360, -14.5869.



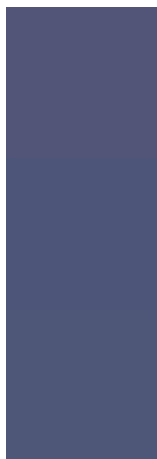
This preview shows how white text looks on a background with the HunterLab color 31.1321, 4.0360, -14.5869.

-14.5869.

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

31.1321, 4.0360, -14.5869

Protanopia

31.0062, 2.3846, -15.4425

Deuteranopia

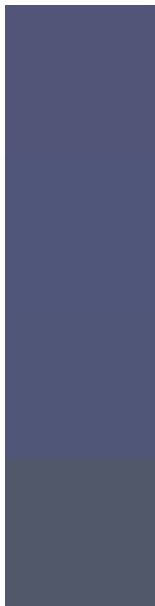
31.2924, 1.9400, -14.3514



Tritanopia

31.0283, -3.2608, -2.5478

Trichromacy



Original Color

31.1321, 4.0360, -14.5869

Protanomaly

31.1421, 2.8388, -15.1998

Deuteranomaly

31.1723, 2.8610, -14.5391

Tritanomaly

31.1526, -0.9555, -6.2563

Monochromacy



Original Color

31.1321, 4.0360, -14.5869

Achromatopsia

31.2390, -1.6668, 1.6973

Achromatomaly

31.1688, 0.1246, -3.7261

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 31.1321, 4.0360, -14.5869 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(83, 85, 120)` looks like.

```
.text, #text, p{  
    color:rgb(83, 85, 120)  
}
```

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(83, 85, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 85, 120) }
```

Border

The CSS property to change the border of an element to HunterLab 31.1321, 4.0360, -14.5869 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(83, 85, 120) }
```


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

```
.border{ border-color:rgb(83, 85, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 85, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 85, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 85, 120);  
box-shadow:4px 4px 4px 4px rgb(83, 85,  
120) }
```

Background

The CSS property to change the background color of an element to HunterLab 31.1321, 4.0360, -14.5869 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 85, 120) }
```

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

```
.background{ background-color: rgb(83, 85,  
120) }
```

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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