

Converting Colors

HunterLab(30.4501, 22.1370,
-63.3755)

Have a look what the booklet for
HunterLab(30.4501, 22.1370,
-63.3755) contains.

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Color

**HunterLab(30.4117, 22.5139,
-64.0117)**

Conversions

Conversions Part 1

Format	Color
Hex	4449B3
RGB	68, 73, 179
RGB Percent	27%, 29%, 70%
CMY	0.7333, 0.7137, 0.2980
CMYK	0.62, 0.59, 0.00, 0.30
HSL	237°, 45%, 48%
HSV	237°, 62%, 70%
XYZ	12.9031, 9.2487, 43.7530
YIQ	83.5890, -37.0060, 31.9060

Conversions

Conversions Part 2

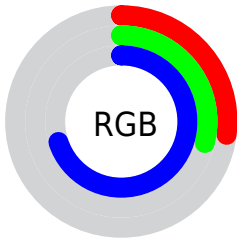
Format	Color
R _{YB}	68, 73, 179
Decimal	4475315
CIE _{Lab}	36.46, 30.86, -57.14
CIE _{LCh}	36, 64.940, 298.372
Yxy	9.2490, 0.1958, 0.1403
Android (android.graphics.Color)	4282665395 (0xFF4449B3)
YUV	83.5890, 47.0376, -13.6716
Hunter-Lab	30.4117, 22.5139, -64.0117

Details

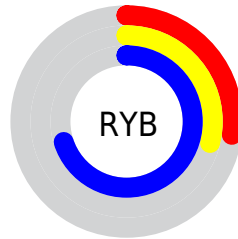
The HunterLab color **30.4117, 22.5139, -64.0117** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **63.4632, -13.2607, 33.7634**, and the grayscale version is **29.4699, -1.5724, 1.6012**.

A 20% lighter version of the original color is **49.4846, 24.6918, -64.1571**, and **15.3603, 21.2417, -65.0539** is the 20% darker color. If you saturate the color by 10%, you get **25.9898, 29.1529, -80.7670**, and if you desaturate by 10%, it is **35.4359, 16.7198, -49.2291**.

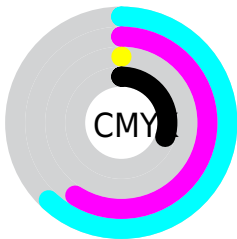
Distribution



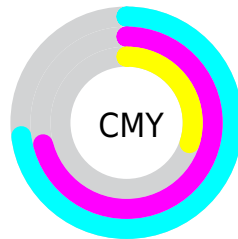
- Red (27%)
- Green (29%)
- Blue (70%)



- Red (27%)
- Yellow (29%)
- Blue (70%)



- Cyan (62%)
- Magenta (59%)
- Yellow (0%)
- Black (30%)



- Cyan (73%)
- Magenta (71%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 30.4117, 22.5139, -64.0117 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 30.4117, 22.5139, -64.0117 by changing the saturation by 10% instead.

■ 30.4117, 22.5139,
-64.0117

■ 30.4117, 22.5139,
-64.0117

■ 136.0972, 29.3219,
-69.2802

■ 22.1448, 21.2071,
-65.1968

■ 49.3690, 24.7245,
-64.0941

■ 14.8020, 19.7611,
-68.5175

■ 59.9339, 25.6503,
-64.6496

■ 8.4563, 18.5996,
-78.1461

■ 71.1605, 26.4723,
-65.3471

0.0000, INF, -NF

■ 83.0118, 27.2003,
-66.1165

0.0000, NaN, -NF

■ 95.4566, 27.8427,
-66.9160

0.0000, NaN, -NF

0.0000, NaN, NaN

108.4678, 28.4065,

0.0000, NaN, NaN

-67.7198

0.0000, NaN, NaN

122.0216, 28.8979,
-68.5114

■ 30.4117, 22.5139,
-64.0117

■ 30.4117, 22.5139,
-64.0117

■ 25.9898, 29.1529,
-80.7670

■ 35.4359, 16.7198,
-49.2291

■ 22.3690, 36.3282,
-98.6209

■ 40.9159, 11.7258,
-36.3826

■ 19.7827, 43.0157,
-114.8760

■ 46.7520, 7.3903,
-25.1478

■ 18.5190, 46.8623,
-124.3094

■ 52.8750, 3.5686,
-15.1785

■ 59.2363, 0.1410,
-6.1832

■ 65.8007, -2.9847,
2.0655

■ 72.5420, -5.8781,
9.7400

■ 79.4403, -8.5913,
16.9700

■ 86.4797, -11.1637,
23.8537

Harmonies

Analogous

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



30.4121, -2.8769, -78.2133



30.4117, 22.5139, -64.0117



30.4121, 46.2390, -29.9186

Triad

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



30.4121, 22.5149, -64.0107



30.4121, 25.3752, 20.2572



30.4121, -34.5254, 2.8324

Complementary

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



30.4117, 22.5139, -64.0117



63.4632, -13.2607, 33.7634

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.



30.4121, -30.9749, 16.5300



30.4117, 22.5139, -64.0117



30.4121, -0.3512, 21.2885

Square

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



30.4121, 22.5149, -64.0107



30.4121, 48.2079, 15.6745



30.4121, -19.9975, 20.5087



30.4121, -31.6878, -26.0764

Rectangle

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



30.4117, 22.5139, -64.0117



30.4121, 55.3158, -8.1610



30.4121, -19.9975, 20.5087



30.4121, -34.0671, 9.0049

Sweetspot

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



30.4121, 22.5149, -64.0107



73.0193, 3.4971, -16.9644



60.4187, -28.6497, -2.2933



33.2493, 2.2810, -9.6477



95.4677, -5.0939, 5.1869



42.2927, -2.2566, 2.2978

Same Dimension

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



30.4121, 22.5149, -64.0107



33.0780, 42.0913, -115.7886



33.5231, 35.4172, -54.1520



28.7914, -0.3427, -1.8412



15.6504, 39.0428, -103.8438



3.1188, 5.6088, -16.0062

Inverse Universe

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



37.6826, 37.6078, 13.9605



45.6607, 60.7240, 22.0854



61.0976, -30.3026, 31.8096



29.1741, 1.0216, 2.2833



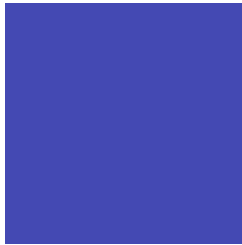
26.0526, 44.6738, 16.3857



4.6433, 8.0059, 2.5806

Previews

White Background



This preview shows how the HunterLab color 30.4117, 22.5139, -64.0117 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 30.4117, 22.5139, -64.0117 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

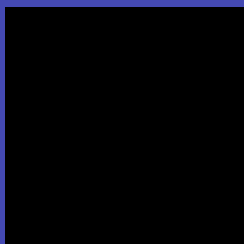
Any Text WCAG AA × Fail

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 30.4117, 22.5139, -64.0117 Background



This preview shows how black text looks on a background with the HunterLab color 30.4117, 22.5139, -64.0117.



This preview shows how white text looks on a background with the HunterLab color 30.4117, 22.5139, -64.0117.

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

30.4117, 22.5139, -64.0117

Protanopia

30.2154, 10.6599, -60.7783

Deuteranopia

30.3543, 0.2499, -38.4795



Tritanopia

30.3278, -12.7391, -6.1100

Trichromacy



Original Color

30.4117, 22.5139, -64.0117

Protanomaly

29.8885, 13.5885, -62.8243

Deuteranomaly

29.9439, 6.7754, -48.1933

Tritanomaly

29.5965, -1.6638, -24.0993

Monochromacy



Original Color

30.4117, 22.5139, -64.0117

Achromatopsia

29.7751, -1.5887, 1.6177

Achromatomaly

29.4770, 4.9762, -16.8538

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 30.4117, 22.5139, -64.0117 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(68, 73, 179)` looks like.

```
.text, #text, p{  
    color:rgb(68, 73, 179)  
}
```

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(68, 73, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 73, 179) }
```

Border

The CSS property to change the border of an element to HunterLab 30.4117, 22.5139, -64.0117 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(68, 73, 179) }
```


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

```
.border{ border-color:rgb(68, 73, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(68, 73, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 73, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 73, 179);  
box-shadow:4px 4px 4px 4px rgb(68, 73,  
179) }
```

Background

The CSS property to change the background color of an element to HunterLab 30.4117, 22.5139, -64.0117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 73, 179) }
```

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

```
.background{ background-color: rgb(68, 73,  
179) }
```

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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