

Converting Colors

HunterLab(41.5328, -1.5034,
-33.0695)

Have a look what the booklet for
HunterLab(41.5328, -1.5034,
-33.0695) contains.

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Color

**HunterLab(41.5328, -1.5034,
-33.0695)**

Conversions

Conversions Part 1

Format	Color
Hex	4276B0
RGB	66, 118, 176
RGB Percent	26%, 46%, 69%
CMY	0.7412, 0.5372, 0.3098
CMYK	0.62, 0.33, 0.00, 0.31
HSL	212°, 45%, 47%
HSV	212°, 62%, 69%
XYZ	16.5617, 17.2497, 43.5310
YIQ	109.0640, -49.6100, 7.0140

Conversions

Conversions Part 2

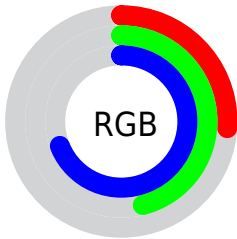
Format	Color
R _Y B	66, 101, 176
Decimal	4355760
CIE Lab	48.57, 0.94, -36.00
CIE LCh	49, 36.015, 271.493
Yxy	17.2503, 0.2141, 0.2230
Android (android.graphics.Color)	4282545840 (0xFF4276B0)
YUV	109.0640, 32.9994, -37.7671
Hunter-Lab	41.5328, -1.5034, -33.0695

Details

The HunterLab color $41.5328, -1.5034, -33.0695$ is a dark color, and the websafe version is hex 336699 . A complement of this color would be $49.0308, 9.2022, 24.1398$, and the grayscale version is $39.0230, -2.0822, 2.1202$.

A 20% lighter version of the original color is $62.2789, -2.6296, -34.3501$, and $24.1047, 0.5099, -31.2296$ is the 20% darker color. If you saturate the color by 10%, you get $38.2764, 0.7000, -40.0266$, and if you desaturate by 10%, it is $45.0033, -3.0640, -26.4370$.

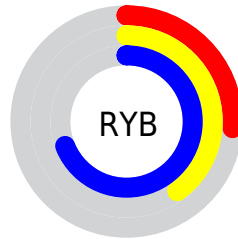
Distribution



Red (26%)

Green (46%)

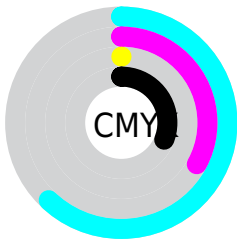
Blue (69%)



Red (26%)

Yellow (40%)

Blue (69%)

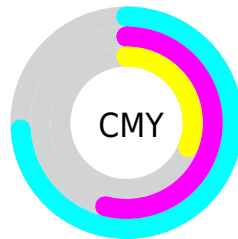


Cyan (62%)

Magenta (33%)

Yellow (0%)

Black (31%)



Cyan (74%)

Magenta (54%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 41.5328, -1.5034, -33.0695 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 41.5328, -1.5034, -33.0695 by changing the saturation by 10% instead.

■ 41.5328, -1.5034,
-33.0695

■ 41.5328, -1.5034,
-33.0695

■ 153.8216, -7.1113,
-37.5526

■ 32.2694, -1.0656,
-32.4726

■ 62.2541, -2.5072,
-34.3342

■ 23.8196, -0.6771,
-32.0194

■ 73.6156, -3.0672,
-34.9337

■ 16.2718, -0.3442,
-31.9568

■ 85.5949, -3.6627,
-35.4918

■ 9.7504, -0.0771,
-33.0125

■ 98.1616, -4.2916,
-36.0030

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 111.2894, -4.9523,
-36.4648

0.0000, NaN, NaN

124.9552, -5.6433,

0.0000, NaN, NaN

-36.8767

0.0000, NaN, NaN

139.1387, -6.3633,
-37.2390

■ 41.5328, -1.5034,
-33.0695

■ 41.5328, -1.5034,
-33.0695

■ 38.2764, 0.7000,
-40.0266

■ 45.0033, -3.0640,
-26.4370

■ 35.2567, 3.6092,
-47.2856

■ 48.6625, -4.0569,
-20.1305

■ 32.4980, 7.2567,
-54.7853

■ 52.4901, -4.5553,
-14.1313

■ 30.5800, 10.3721,
-60.6127

■ 56.4682, -4.6263,
-8.4128

■ 60.5812, -4.3290,
-2.9452

■ 64.8158, -3.7138,
2.3012

■ 69.1607, -2.8235,
7.3546

■ 73.6063, -1.6939,
12.2405

■ 78.1443, -0.3554,
16.9816

Harmonies

Analogous

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



41.5335, -14.4833, -27.7205



41.5328, -1.5034, -33.0695



41.5335, 13.0585, -26.6094

Triad

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



41.5335, -1.5031, -33.0686



41.5335, 23.7737, 13.6861



41.5335, -23.6256, 12.8606

Complementary

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



41.5328, -1.5034, -33.0695



49.0308, 9.2022, 24.1398

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.



41.5335, -15.5634, 18.8909



41.5328, -1.5034, -33.0695



41.5335, 11.6589, 19.2424

Square

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



41.5335, -1.5031, -33.0686



41.5335, 28.8148, 2.9332



41.5335, -2.9288, 20.7675



41.5335, -26.1777, 1.5769

Rectangle

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



41.5328, -1.5034, -33.0695



41.5335, 21.4269, -17.4213



41.5335, -2.9288, 20.7675



41.5335, -21.5289, 15.4174

Sweetspot

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



41.5335, -1.5031, -33.0686



77.7808, -6.1539, -8.9652



57.9960, -35.8203, 16.0076



35.4955, -2.8974, -5.1453



94.3401, -5.0338, 5.1257



41.3092, -2.2042, 2.2444

Same Dimension

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



41.5335, -1.5031, -33.0686



49.9561, 2.3220, -57.5908



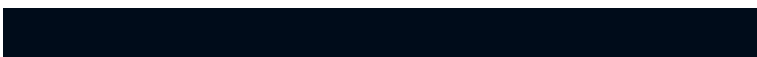
28.7314, 25.2531, -66.6153



29.7835, -2.0044, -0.6069



26.4135, 8.4356, -51.2246



5.8019, -0.5224, -6.1241

Inverse Universe

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



37.9939, 42.1469, -2.5977



46.4331, 67.1137, -1.2757



63.6100, -15.9025, 34.1127



29.2744, 1.5617, 0.8516



26.9155, 47.8476, 3.7950



4.8966, 8.9303, -1.0591

Previews

White Background



This preview shows how the HunterLab color 41.5328, -1.5034, -33.0695 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 × Fail

Black Background



This preview shows how the HunterLab color 41.5328, -1.5034, -33.0695 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

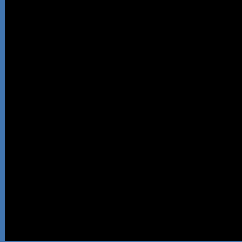
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 41.5328, -1.5034, -33.0695 Background



This preview shows how black text looks on a background with the HunterLab color 41.5328, -1.5034, -33.0695.

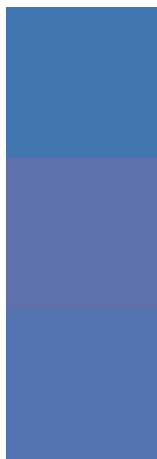


This preview shows how white text looks on a background with the HunterLab color 41.5328, -1.5034,

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

41.5328, -1.5034, -33.0695

Protanopia

41.4990, 5.1048, -30.1012

Deuteranopia

41.6180, 3.1812, -33.5566



Tritanopia

41.5694, -16.7888, -7.9010

Trichromacy



Original Color

41.5328, -1.5034, -33.0695

Protanomaly

41.4288, 2.1665, -31.0139

Deuteranomaly

41.5246, 1.4486, -33.7779

Tritanomaly

41.4212, -11.5650, -16.5874

Monochromacy



Original Color

41.5328, -1.5034, -33.0695

Achromatopsia

39.1058, -2.0866, 2.1247

Achromatomaly

39.5082, -3.4377, -9.0165

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 41.5328, -1.5034, -33.0695 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(66, 118, 176)` looks like.

```
.text, #text, p{  
    color:rgb(66, 118, 176)  
}
```

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(66, 118, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 118, 176) }
```

Border

The CSS property to change the border of an element to HunterLab 41.5328, -1.5034, -33.0695 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(66, 118, 176) }
```


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

```
.border{ border-color:rgb(66, 118, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 118, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 118, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 118, 176);  
box-shadow:4px 4px 4px 4px rgb(66, 118,  
176) }
```

Background

The CSS property to change the background color of an element to HunterLab 41.5328, -1.5034, -33.0695 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 118, 176) }
```

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

```
.background{ background-color: rgb(66, 118,  
176) }
```

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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