

Converting Colors

HunterLab(29.1520, 6.1716,
-43.6577)

Have a look what the booklet for
HunterLab(29.1520, 6.1716,
-43.6577) contains.

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Color

**HunterLab(29.1686, 5.9857,
-43.1799)**

Conversions

Conversions Part 1

Format	Color
Hex	215199
RGB	33, 81, 153
RGB Percent	13%, 32%, 60%
CMY	0.8706, 0.6824, 0.4000
CMYK	0.78, 0.47, 0.00, 0.40
HSL	216°, 65%, 36%
HSV	216°, 78%, 60%
XYZ	9.3194, 8.5081, 31.2879
YIQ	74.8560, -51.7200, 12.2160

Conversions

Conversions Part 2

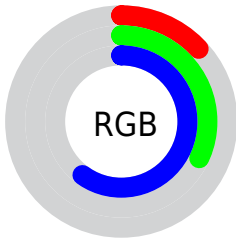
Format	Color
R_{YB}	33, 67, 153
Decimal	2183577
CIE _{Lab}	35.02, 10.65, -44.01
CIE _{LCh}	35, 45.284, 283.604
Yxy	8.5083, 0.1897, 0.1732
Android (android.graphics.Color)	4280373657 (0xFF215199)
YUV	74.8560, 38.5250, -36.7077
Hunter-Lab	29.1686, 5.9857, -43.1799




Details

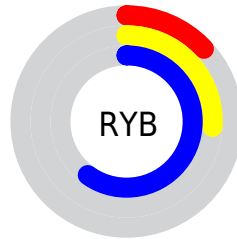
The HunterLab color $[29.1686, 5.9857, -43.1799]$ is a dark color, and the websafe version is hex 336699 . A complement of this color would be $[41.2155, 7.8387, 23.4632]$, and the grayscale version is $[26.3550, -1.4062, 1.4319]$.




A 20% lighter version of the original color is $[47.9647, 6.0907, -44.1024]$, and $[15.2506, 8.9173, -38.3117]$ is the 20% darker color. If you saturate the color by 10%, you get $[26.5277, 9.4228, -50.8459]$, and if you desaturate by 10%, it is $[32.0605, 3.2158, -35.9212]$.

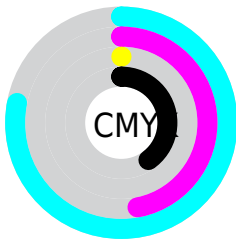
Distribution







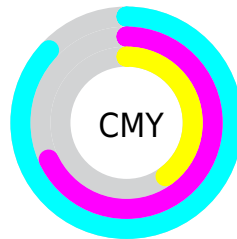
-  Red (13%)
-  Green (32%)
-  Blue (60%)






-  Red (13%)
-  Yellow (26%)
-  Blue (60%)



-  Cyan (78%)
-  Magenta (47%)
-  Yellow (0%)
-  Black (40%)



-  Cyan (87%)
-  Magenta (68%)
-  Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.1686, 5.9857, -43.1799 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 29.1686, 5.9857, -43.1799 by changing the saturation by 10% instead.

■ 29.1686, 5.9857,
-43.1799

■ 29.1686, 5.9857,
-43.1799

■ 134.0397, 5.0059,
-48.7162

■ 21.0283, 5.7205,
-43.2444

■ 47.9052, 6.2235,
-44.1642

■ 13.8284, 5.3266,
-44.4001

■ 58.3714, 6.2227,
-44.8434

■ 7.4547, 5.8276,
-50.7351

■ 69.5052, 6.1549,
-45.5483

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 81.2687, 6.0268,
-46.2468

0.0000, NaN, -NF

■ 93.6298, 5.8439,
-46.9210

0.0000, NaN, NaN

■ 106.5609, 5.6105,

0.0000, NaN, NaN

-47.5607

0.0000, NaN, NaN

120.0380, 5.3301,
-48.1601

■ 29.1686, 5.9857,
-43.1799

■ 29.1686, 5.9857,
-43.1799

■ 26.5277, 9.4228,
-50.8459

■ 32.0605, 3.2158,
-35.9212

■ 24.1467, 13.4631,
-58.8842

■ 35.1699, 1.0573,
-29.1155

■ 23.7868, 14.1208,
-60.2142

■ 38.4684, -0.5633,
-22.7550

■ 41.9314, -1.7216,
-16.8053

■ 45.5384, -2.4873,
-11.2209

■ 49.2724, -2.9205,
-5.9540

■ 53.1195, -3.0718,
-0.9597

■ 57.0681, -2.9831,
3.8024

■ 61.1087, -2.6891,
8.3676

Harmonies

Analogous

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



29.1690, -9.6956, -42.3570



29.1686, 5.9857, -43.1799



29.1690, 22.6618, -28.2964

Triad

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



29.1690, 5.9864, -43.1791



29.1690, 24.0443, 15.3662



29.1690, -25.4738, 8.6617

Complementary

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



29.1686, 5.9857, -43.1799



41.2155, 7.8387, 23.4632

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.



29.1690, -19.7893, 15.7717



29.1686, 5.9857, -43.1799



29.1690, 7.5829, 17.9766

Square

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



29.1690, 5.9864, -43.1791



29.1690, 34.4990, 7.6331



29.1690, -8.4058, 18.0694



29.1690, -25.7213, -6.1140

Rectangle

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



29.1686, 5.9857, -43.1799



29.1690, 31.1872, -14.5258



29.1690, -8.4058, 18.0694



29.1690, -24.2014, 11.7834

Sweetspot

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



29.1690, 5.9864, -43.1791



62.8964, -3.6068, -12.1840



49.1183, -33.0128, 13.5550



28.7937, -1.5889, -6.8250



87.6224, -4.6753, 4.7607



35.4919, -1.8938, 1.9283

Same Dimension

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



29.1690, 5.9864, -43.1791



33.1156, 16.6094, -75.9345



19.8651, 31.5181, -77.1557



25.3211, -1.4716, -0.6474



21.7676, 12.5089, -54.2108



3.7298, -0.4784, -3.6293

Inverse Universe

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



29.0769, 42.2196, 2.7826



36.1569, 61.9523, 8.6794



53.4371, -17.8533, 31.0179



25.0231, 1.1930, 0.9500



24.2562, 42.7204, 6.5199



3.0798, 5.6371, -0.8226

Previews

White Background



This preview shows how the HunterLab color 29.1686, 5.9857, -43.1799 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 29.1686, 5.9857, -43.1799 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

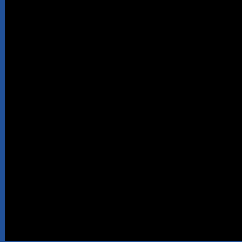
Any Text WCAG AA × Fail

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 29.1686, 5.9857, -43.1799 Background



This preview shows how black text looks on a background with the HunterLab color 29.1686, 5.9857, -43.1799.



This preview shows how white text looks on a background with the HunterLab color 29.1686, 5.9857, -43.1799.

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

29.1686, 5.9857, -43.1799

Protanopia

29.2613, 7.4668, -42.0293

Deuteranopia

29.0641, 0.9531, -38.3850



Tritanopia

28.9206, -13.9138, -6.1123

Trichromacy



Original Color

29.1686, 5.9857, -43.1799

Protanomaly

29.1131, 6.9961, -42.4351

Deuteranomaly

29.0424, 2.4614, -40.1086

Tritanomaly

28.6401, -7.5532, -17.9662

Monochromacy



Original Color

29.1686, 5.9857, -43.1799

Achromatopsia

26.5255, -1.4153, 1.4412

Achromatomaly

26.9215, -0.9285, -11.6875

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.1686, 5.9857, -43.1799 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(33, 81, 153)` looks like.

```
.text, #text, p{  
    color:rgb(33, 81, 153)  
}
```

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(33, 81, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 81, 153) }
```

Border

The CSS property to change the border of an element to HunterLab 29.1686, 5.9857, -43.1799 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(33, 81, 153) }
```


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

```
.border{ border-color:rgb(33, 81, 153) }
```

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

Here you see how a box with a 4 pixel rgb(33, 81, 153) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 81, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 81, 153);  
box-shadow:4px 4px 4px 4px rgb(33, 81,  
153) }
```

Background

The CSS property to change the background color of an element to HunterLab 29.1686, 5.9857, -43.1799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 81, 153) }
```

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

```
.background{ background-color: rgb(33, 81,  
153) }
```

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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