

Converting Colors

HunterLab(33.2095, -0.6781,
-20.2134)

Have a look what the booklet for
HunterLab(33.2095, -0.6781,
-20.2134) contains.

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Color

**HunterLab(33.3571, -0.6886,
-20.1992)**

Conversions

Conversions Part 1

Format	Color
Hex	435F87
RGB	67, 95, 135
RGB Percent	26%, 37%, 53%
CMY	0.7372, 0.6274, 0.4706
CMYK	0.50, 0.30, 0.00, 0.47
HSL	215°, 34%, 40%
HSV	215°, 50%, 53%
XYZ	10.7801, 11.1270, 24.5012
YIQ	91.1880, -29.5280, 6.5040

Conversions

Conversions Part 2

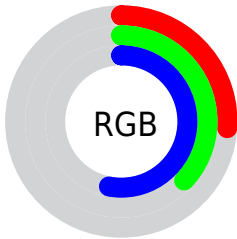
Format	Color
R_{YB}	67, 87, 135
Decimal	4415367
CIE _{Lab}	39.79, 1.54, -25.45
CIE _{LCh}	40, 25.498, 273.459
Yxy	11.1274, 0.2323, 0.2398
Android (android.graphics.Color)	4282605447 (0xFF435F87)
YUV	91.1880, 21.5993, -21.2129
Hunter-Lab	33.3571, -0.6886, -20.1992

Details

The HunterLab color $33.3571, -0.6886, -20.1992$ is a dark color, and the websafe version is hex 336699 . A complement of this color would be $40.0899, 2.2528, 16.8886$, and the grayscale version is $32.3452, -1.7259, 1.7574$.

A 20% lighter version of the original color is $52.7291, -1.5171, -21.0319$, and $17.0793, 0.0350, -19.3100$ is the 20% darker color. If you saturate the color by 10%, you get $30.5712, 0.6907, -25.6047$, and if you desaturate by 10%, it is $36.2848, -1.6678, -15.1254$.

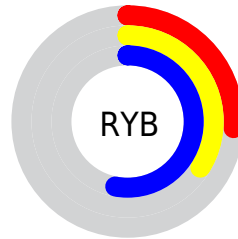
Distribution



Red (26%)

Green (37%)

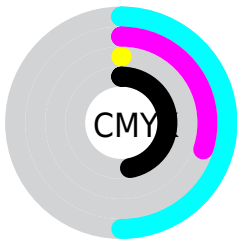
Blue (53%)



Red (26%)

Yellow (34%)

Blue (53%)

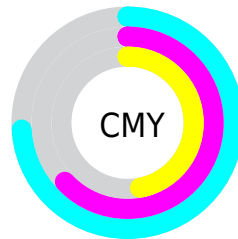


Cyan (50%)

Magenta (30%)

Yellow (0%)

Black (47%)



Cyan (74%)

Magenta (63%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.3571, -0.6886, -20.1992 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 33.3571, -0.6886, -20.1992 by changing the saturation by 10% instead.

■ 33.3571, -0.6886,
-20.1992

■ 33.3571, -0.6886,
-20.1992

■ 140.9040, -5.7659,
-22.8530

■ 24.8044, -0.3332,
-19.6636

■ 52.8161, -1.5491,
-21.1795

■ 17.1408, -0.0369,
-19.1802

■ 63.6062, -2.0449,
-21.5898

■ 10.4856, 0.1887,
-18.9714

■ 75.0450, -2.5798,
-21.9409

0.0000, INF, -NF

0.0000, NaN, -NF

■ 87.0975, -3.1514,
-22.2331

0.0000, NaN, NaN

■ 99.7340, -3.7574,
-22.4682

0.0000, NaN, NaN

112.9286, -4.3962,

0.0000, NaN, NaN

-22.6483

0.0000, NaN, NaN

126.6586, -5.0661,
-22.7758

■ 33.3571, -0.6886,
-20.1992

■ 33.3571, -0.6886,
-20.1992

■ 30.5712, 0.6907,
-25.6047

■ 36.2848, -1.6678,
-15.1254

■ 27.9456, 2.5326,
-31.3671

■ 39.3354, -2.3049,
-10.3520

■ 25.5043, 4.8963,
-37.4853

■ 42.4953, -2.6507,
-5.8419

■ 23.2725, 7.8229,
-43.9191

■ 45.7526, -2.7484,
-1.5596

■ 21.3021, 11.0495,
-50.4785

■ 49.0975, -2.6342,
2.5272

■ 52.5217, -2.3381,
6.4470

■ 56.0182, -1.8847,
10.2246

■ 59.5812, -1.2948,
13.8812

■ 63.2056, -0.5854,
17.4349

Harmonies

Analogous

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



33.3577, -9.4503, -17.4236



33.3571, -0.6886, -20.1992



33.3577, 8.7346, -15.8627

Triad

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



33.3577, -0.6886, -20.1985



33.3577, 14.6040, 9.9444



33.3577, -16.4067, 8.5970

Complementary

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



33.3571, -0.6886, -20.1992



40.0899, 2.2528, 16.8886

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.



33.3577, -11.1376, 13.1757



33.3571, -0.6886, -20.1992



33.3577, 6.6491, 13.7897

Square

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



33.3577, -0.6886, -20.1985



33.3577, 18.1555, 2.8325



33.3577, -2.8608, 14.7851



33.3577, -17.9156, 0.7660

Rectangle

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



33.3571, -0.6886, -20.1992



33.3577, 13.9481, -10.0736



33.3577, -2.8608, 14.7851



33.3577, -15.0474, 10.4870

Sweetspot

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



33.3577, -0.6886, -20.1985



59.0457, -3.6513, -4.8985



44.2448, -22.4989, 8.3521



28.0308, -1.7433, -2.8656



83.1908, -4.4389, 4.5199



31.6988, -1.6914, 1.7223

Same Dimension

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



33.3577, -0.6886, -20.1985



40.5580, 1.1362, -34.9953



26.7723, 13.8428, -34.0235



21.9914, -1.3075, -0.4934



20.5173, 10.4734, -48.2538



1.6847, -0.2604, -1.5435

Inverse Universe

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



31.6099, 24.1056, -0.4078



38.5536, 39.6486, 0.0377



47.3568, -12.0828, 22.3206



21.7213, 0.9905, 0.8044



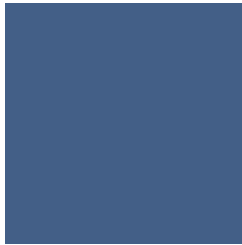
22.3873, 39.5097, 5.3901



1.3695, 2.5134, -0.4174

Previews

White Background



This preview shows how the HunterLab color 33.3571, -0.6886, -20.1992 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 33.3571, -0.6886, -20.1992 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

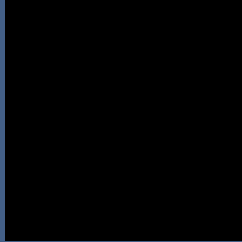
Any Text WCAG AA × Fail

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 33.3571, -0.6886, -20.1992 Background



This preview shows how black text looks on a background with the HunterLab color 33.3571, -0.6886, -20.1992.

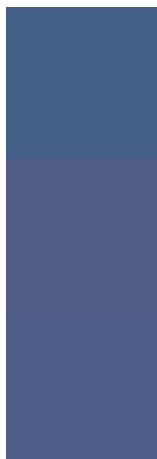


This preview shows how white text looks on a background with the HunterLab color 33.3571, -0.6886, -20.1992.

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

33.3571, -0.6886, -20.1992

Protanopia

33.3123, 3.0791, -18.9141

Deuteranopia

33.4426, 2.4237, -20.6455



Tritanopia

33.3115, -10.0212, -4.9006

Trichromacy



Original Color

33.3571, -0.6886, -20.1992

Protanomaly

33.2963, 1.7630, -19.6140

Deuteranomaly

33.4656, 1.1438, -20.6254

Tritanomaly

33.2197, -6.7539, -10.2388

Monochromacy



Original Color

33.3571, -0.6886, -20.1992

Achromatopsia

32.3445, -1.7258, 1.7573

Achromatomaly

32.4186, -1.8882, -5.4965

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.3571, -0.6886, -20.1992 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(67, 95, 135)` looks like.

```
.text, #text, p{  
    color:rgb(67, 95, 135)  
}
```

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(67, 95, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 95, 135) }
```

Border

The CSS property to change the border of an element to HunterLab 33.3571, -0.6886, -20.1992 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(67, 95, 135) }
```


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

```
.border{ border-color:rgb(67, 95, 135) }
```

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

Here you see how a box with a 4 pixel rgb(67, 95, 135) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 95, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 95, 135);  
box-shadow:4px 4px 4px 4px rgb(67, 95,  
135) }
```

Background

The CSS property to change the background color of an element to HunterLab 33.3571, -0.6886, -20.1992 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 95, 135) }
```

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

```
.background{ background-color: rgb(67, 95,  
135) }
```

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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