

Converting Colors

HunterLab(15.8716, -8.1840,
-40.8125)

Have a look what the booklet for
HunterLab(15.8716, -8.1840,
-40.8125) contains.

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Color

**HunterLab(18.9389, 3.3755,
-30.9586)**

Conversions

Conversions Part 1

Format	Color
Hex	00356A
RGB	0, 53, 106
RGB Percent	0%, 21%, 42%
CMY	1.0000, 0.7922, 0.5843
CMYK	1.00, 0.50, 0.00, 0.58
HSL	210°, 100%, 21%
HSV	210°, 100%, 42%
XYZ	3.8746, 3.5868, 14.1238
YIQ	43.1950, -48.6010, 5.2470

Conversions

Conversions Part 2

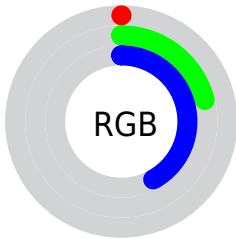
Format	Color
R _Y B	0, 35, 106
Decimal	13674
CIE Lab	22.26, 7.19, -35.28
CIE LCh	22, 36.008, 281.514
Yxy	3.5869, 0.1795, 0.1662
Android (android.graphics.Color)	4278203754 (0xFF00356A)
YUV	43.1950, 30.9629, -37.8820
Hunter-Lab	18.9389, 3.3755, -30.9586

Details

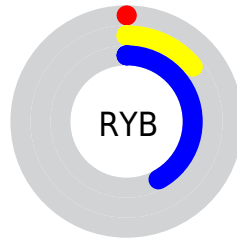
The HunterLab color **18.9389, 3.3755, -30.9586** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **23.6886, 12.9316, 14.8223**, and the grayscale version is **15.5210, -0.8282, 0.8433**.

A 20% lighter version of the original color is **35.5774, 3.4033, -31.9256**, and **6.9221, 9.8195, -29.8496** is the 20% darker color. If you saturate the color by 10%, you get **18.9376, 3.3781, -30.9627**, and if you desaturate by 10%, it is **20.4100, 1.5632, -27.0073**.

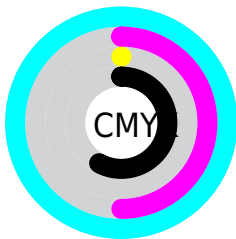
Distribution



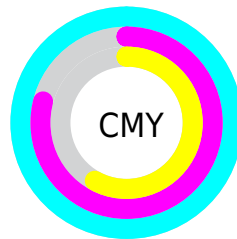
- Red (0%)
- Green (21%)
- Blue (42%)



- Red (0%)
- Yellow (14%)
- Blue (42%)



- Cyan (100%)
- Magenta (50%)
- Yellow (0%)
- Black (58%)



- Cyan (100%)
- Magenta (79%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.9389, 3.3755, -30.9586 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 18.9389, 3.3755, -30.9586 by changing the saturation by 10% instead.

■ 18.9389, 3.3755,
-30.9586

■ 18.9389, 3.3755,
-30.9586

■ 116.2597, 1.5845,
-35.6357

■ 12.0220, 3.1863,
-31.3701

■ 35.5896, 3.4341,
-31.7774

■ 4.9974, 6.0004,
-44.5462

■ 45.1360, 3.3400,
-32.3953

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 55.4101, 3.1791,
-33.0255

0.0000, NaN, NaN

■ 66.3634, 2.9589,
-33.6346

0.0000, NaN, NaN

■ 77.9563, 2.6852,
-34.2061

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 90.1551, 2.3625,

-34.7322

0.0000, NaN, NaN

102.9313, 1.9946,
-35.2091

18.9389, 3.3755,
-30.9586

18.9389, 3.3755,
-30.9586

18.9376, 3.3781,
-30.9627

20.4100, 1.5632,
-27.0073

21.9644, -0.0282,
-23.2740

23.6408, -1.2521,
-19.6524

25.4288, -2.1326,
-16.1615

27.3179, -2.7022,
-12.8089

■ 29.2981, -2.9955,
-9.5935

■ 31.3605, -3.0457,
-6.5088

■ 33.4973, -2.8834,
-3.5448

■ 35.7014, -2.5354,
-0.6905

Harmonies

Analogous

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



18.9392, -7.2344, -29.4899



18.9389, 3.3755, -30.9586



18.9392, 15.0573, -20.9275

Triad

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



18.9392, 3.3761, -30.9581



18.9392, 17.4682, 10.0799



18.9392, -17.1263, 6.3444

Complementary

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



18.9389, 3.3755, -30.9586



23.6886, 12.9316, 14.8223

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.



18.9392, -13.0417, 10.7602



18.9389, 3.3755, -30.9586



18.9392, 6.1355, 12.3334

Square

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



18.9392, 3.3761, -30.9581



18.9392, 24.3431, 4.6082



18.9392, -5.0329, 12.5814



18.9392, -17.5392, -3.4176

Rectangle

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



18.9389, 3.3755, -30.9586



18.9392, 21.2683, -11.2219



18.9392, -5.0329, 12.5814



18.9392, -16.1893, 8.3104

Sweetspot

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



18.9392, 3.3761, -30.9581



41.3120, -4.0407, -8.9597



32.5043, -25.0481, 13.4454



19.5893, -1.9576, -4.9303



74.4461, -3.9723, 4.0448



24.3420, -1.2988, 1.3225

Same Dimension

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



18.9392, 3.3761, -30.9581



24.6236, 5.3635, -42.3557



10.2027, 27.6652, -72.4695



18.0326, -1.2500, -0.2039



20.9352, 4.0701, -34.9535



45.3813, 12.8511, -84.4646

Inverse Universe

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



18.2249, 32.6176, 0.8436



24.0945, 43.0376, 1.8089



36.5682, -9.8217, 22.3607



17.7191, 0.7944, 0.5018



20.2850, 36.2771, 1.1819



45.5974, 81.1896, 5.4131

Previews

White Background



This preview shows how the HunterLab color 18.9389, 3.3755, -30.9586 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 18.9389, 3.3755, -30.9586 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

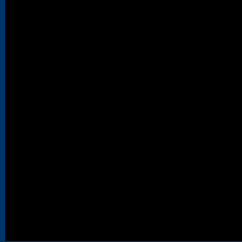
Any Text WCAG AA × Fail

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 18.9389, 3.3755, -30.9586 Background



This preview shows how black text looks on a background with the HunterLab color 18.9389, 3.3755, -30.9586.



This preview shows how white text looks on a background with the HunterLab color 18.9389, 3.3755, -30.9586.

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

18.9389, 3.3755, -30.9586

Protanopia

19.0958, 4.9888, -29.6414

Deuteranopia

18.9127, -0.2762, -23.0431



Tritanopia

18.9786, -9.3111, -3.6216

Trichromacy



Original Color

18.9389, 3.3755, -30.9586

Protanomaly

18.8925, 4.3425, -30.2244

Deuteranomaly

18.8638, 1.2373, -26.2491

Tritanomaly

18.6836, -5.2347, -12.0528

Monochromacy



Original Color

18.9389, 3.3755, -30.9586

Achromatopsia

15.5427, -0.8293, 0.8445

Achromatomaly

16.3076, -1.7006, -8.7205

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.9389, 3.3755, -30.9586 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(0, 53, 106)` looks like.

```
.text, #text, p{  
    color:rgb(0, 53, 106)  
}
```

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(0, 53, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 53, 106) }
```

Border

The CSS property to change the border of an element to HunterLab 18.9389, 3.3755, -30.9586 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(0, 53, 106) }
```


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

```
.border{ border-color:rgb(0, 53, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 53, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 53, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 53, 106);  
box-shadow:4px 4px 4px 4px rgb(0, 53, 106)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 18.9389, 3.3755, -30.9586 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 53, 106) }
```

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

```
.background{ background-color: rgb(0, 53,  
106) }
```

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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