

Converting Colors

HunterLab(31.1780, -19.4477,
18.8712)

Have a look what the booklet for
HunterLab(31.1780, -19.4477,
18.8712) contains.

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Color

**HunterLab(31.2946,
-19.6916, 18.9389)**

Conversions

Conversions Part 1

Format	Color
Hex	396300
RGB	57, 99, 0
RGB Percent	22%, 39%, 0%
CMY	0.7765, 0.6118, 1.0000
CMYK	0.42, 0.00, 1.00, 0.61
HSL	85°, 100%, 19%
HSV	85°, 100%, 39%
XYZ	6.1492, 9.7935, 1.5662
YIQ	75.1560, 6.7470, -39.6930

Conversions

Conversions Part 2

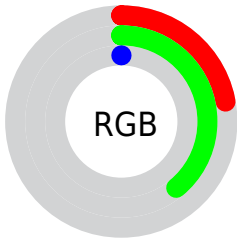
Format	Color
RYB	0, 99, 42
Decimal	3760896
CIELab	37.47, -29.75, 43.55
CIElCh	37, 52.739, 124.339
Yxy	9.7939, 0.3512, 0.5593
Android (android.graphics.Color)	4281950976 (0xFF396300)
YUV	75.1560, -37.0519, -15.9228
Hunter-Lab	31.2946, -19.6916, 18.9389

Details

The HunterLab color **31.2946, -19.6916, 18.9389** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **11.8041, 27.8448, -51.5331**, and the grayscale version is **26.7085, -1.4251, 1.4511**.

A 20% lighter version of the original color is **50.3580, -24.4952, 26.0441**, and **15.6716, -13.4384, 9.4215** is the 20% darker color. If you saturate the color by 10%, you get **31.2952, -19.6927, 18.9392**, and if you desaturate by 10%, it is **31.5345, -18.6578, 18.5700**.

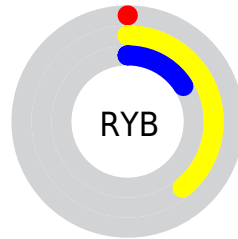
Distribution



Red (22%)

Green (39%)

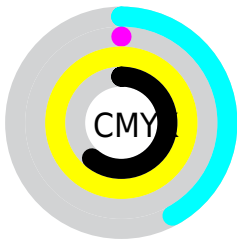
Blue (0%)



Red (0%)

Yellow (39%)

Blue (16%)

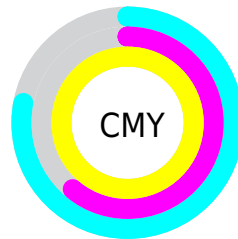


Cyan (42%)

Magenta (0%)

Yellow (100%)

Black (61%)



Cyan (78%)

Magenta (61%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 31.2946, -19.6916, 18.9389 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 31.2946, -19.6916, 18.9389 by changing the saturation by 10% instead.

■ 31.2946, -19.6916,
18.9389

■ 31.2946, -19.6916,
18.9389

■ 137.5482,
-39.4314, 46.6127

■ 22.9403, -16.9761,
15.3689

■ 50.4056, -24.6000,
26.0885

■ 15.4988, -13.9709,
10.8491

■ 61.0392, -26.8834,
29.3613

■ 9.0938, -14.7408,
6.3657

■ 72.3305, -29.0895,
32.4830

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 84.2432, -31.2354,
35.4814

0.0000, NaN, NaN

■ 96.7464, -33.3340,
38.3782


0.0000, NaN, NaN


0.0000, NaN, NaN


■ 109.8134,


-35.3948, 41.1904


0.0000, NaN, NaN


 123.4209,
-37.4253, 43.9316


 31.2946, -19.6916,
18.9389


 31.2946, -19.6916,
18.9389


 31.2952, -19.6927,
18.9392

 31.5345, -18.6578,
18.5700

 31.7985, -17.5141,
18.0704

 32.0993, -16.1926,
17.2635

 32.4385, -14.6875,
16.1262

 32.8175, -12.9972,
14.6433

■ 33.2370, -11.1228,
12.8061

■ 33.6974, -9.0679,
10.6114

■ 34.1989, -6.8381,
8.0610

■ 34.7412, -4.4406,
5.1602

Harmonies

Analogous

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



31.2953, -4.3817, 20.3152



31.2946, -19.6916, 18.9389



31.2953, -28.2151, 13.3060

Triad

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



31.2953, -19.6923, 18.9390



31.2953, -15.9432, -48.4356



31.2953, 43.5967, 4.2148

Complementary

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



31.2946, -19.6916, 18.9389



11.8041, 27.8448, -51.5331

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.



31.2953, 38.4251, -17.3384



31.2946, -19.6916, 18.9389



31.2953, 1.1341, -56.3421

Square

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



31.2953, -19.6923, 18.9390



31.2953, -26.4396, -24.8456



31.2953, 21.6571, -42.5799



31.2953, 34.4699, 15.6295

Rectangle

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



31.2946, -19.6916, 18.9389



31.2953, -30.3104, 4.9344



31.2953, 21.6571, -42.5799



31.2953, 43.4862, -1.9134

Sweetspot

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



31.2953, -19.6923, 18.9390



44.0804, -12.1170, 14.1636



20.6306, 15.3559, 12.9810



21.4056, -6.2880, 7.3199



72.2857, -3.8570, 3.9274



22.5557, -1.2035, 1.2255

Same Dimension

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



31.2953, -19.6923, 18.9390



40.9152, -26.0878, 24.7551



29.9623, -25.2357, 18.0206



17.0875, -2.0406, 2.3599



35.6968, -22.6178, 21.6002



82.1870, -53.5788, 49.7053

Inverse Universe

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



11.8041, 27.8448, -51.5331



15.2718, 36.2723, -68.5712



17.6425, 35.3182, -28.1826



16.0069, 0.3167, -0.6700



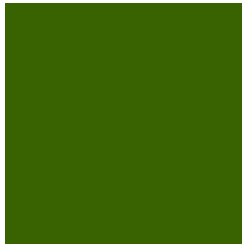
13.3907, 31.7013, -59.3259



30.1342, 72.4235, -141.9038

Previews

White Background



This preview shows how the HunterLab color 31.2946, -19.6916, 18.9389 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



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

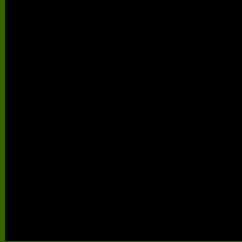
Any Text WCAG AA × Fail

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 31.2946, -19.6916, 18.9389 Background



This preview shows how black text looks on a background with the HunterLab color 31.2946, -19.6916, 18.9389.



This preview shows how white text looks on a background with the HunterLab color 31.2946,

-19.6916, 18.9389.

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

31.2946, -19.6916, 18.9389

Protanopia

31.0356, -4.6467, 19.0427

Deuteranopia

31.2581, 1.5593, 18.0330



Tritanopia

31.3374, -6.2331, -3.1329

Trichromacy



Original Color

31.2946, -19.6916, 18.9389

Protanomaly

30.8854, -10.8004, 18.8424

Deuteranomaly

30.6561, -7.3032, 18.0259

Tritanomaly

31.0920, -13.2513, 9.9592

Monochromacy



Original Color

31.2946, -19.6916, 18.9389

Achromatopsia

26.5255, -1.4153, 1.4412

Achromatomaly

27.8980, -9.8704, 11.0750

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 31.2946, -19.6916, 18.9389 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(57, 99, 0)` looks like.

```
.text, #text, p{  
    color:rgb(57, 99, 0)  
}
```

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(57, 99, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 99, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 31.2946, -19.6916, 18.9389 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(57, 99, 0) }
```


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

```
.border{ border-color:rgb(57, 99, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(57, 99, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 99, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(57, 99, 0); box-shadow:4px  
4px 4px 4px rgb(57, 99, 0) }
```

Background

The CSS property to change the background color of an element to HunterLab 31.2946, -19.6916, 18.9389 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 99, 0) }
```

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

```
.background{ background-color: rgb(57, 99,  
0) }
```

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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