

Converting Colors

HunterLab(39.2420, -18.4498,
21.5375)

Have a look what the booklet for
HunterLab(39.2420, -18.4498,
21.5375) contains.

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Color

**HunterLab(39.3482,
-18.4960, 21.6420)**

Conversions

Conversions Part 1

Format	Color
Hex	5A7722
RGB	90, 119, 34
RGB Percent	35%, 47%, 13%
CMY	0.6471, 0.5333, 0.8667
CMYK	0.24, 0.00, 0.71, 0.53
HSL	80°, 56%, 30%
HSV	80°, 71%, 47%
XYZ	11.1020, 15.4828, 3.9167
YIQ	100.6390, 10.0010, -32.5830

Conversions

Conversions Part 2

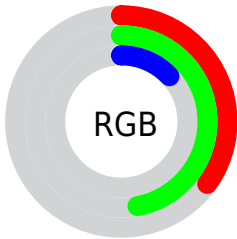
Format	Color
R_{YB}	34, 119, 63
Decimal	5928738
CIE Lab	46.29, -24.07, 41.37
CIE LCh	46, 47.866, 120.194
Yxy	15.4835, 0.3640, 0.5076
Android (android.graphics.Color)	4284118818 (0xFF5A7722)
YUV	100.6390, -32.8530, -9.3304
Hunter-Lab	39.3482, -18.4960, 21.6420

Details

The HunterLab color $[39.3482, -18.4960, 21.6420]$ is a dark color, and the websafe version is hex 336600 . A complement of this color would be $[18.7967, 23.6313, -43.0574]$, and the grayscale version is $[36.0563, -1.9239, 1.9590]$.

A 20% lighter version of the original color is $[59.6704, -22.1862, 28.0462]$, and $[22.0267, -13.3874, 13.3384]$ is the 20% darker color. If you saturate the color by 10%, you get $[39.0233, -19.9182, 22.5361]$, and if you desaturate by 10%, it is $[39.7161, -16.8708, 20.3338]$.

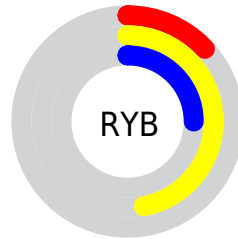
Distribution



Red (35%)

Green (47%)

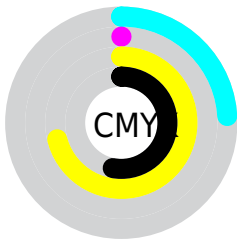
Blue (13%)



Red (13%)

Yellow (47%)

Blue (25%)

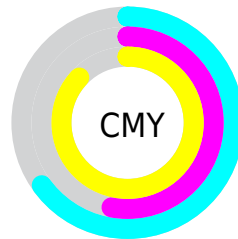


Cyan (24%)

Magenta (0%)

Yellow (71%)

Black (53%)



Cyan (65%)

Magenta (53%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 39.3482, -18.4960, 21.6420 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 39.3482, -18.4960, 21.6420 by changing the saturation by 10% instead.

■ 39.3482, -18.4960,
21.6420

■ 39.3482, -18.4960,
21.6420

150.4242,
-35.0953, 47.2387

■ 30.2645, -16.3745,
18.0899

■ 59.7488, -22.4619,
28.1122

■ 22.0121, -14.1038,
14.6638

■ 70.9645, -24.3522,
31.1114

■ 14.6860, -11.6060,
10.2802

■ 82.8055, -26.2009,
33.9929

■ 8.3443, -13.0170,
5.8410

■ 95.2404, -28.0179,
36.7779

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 108.2421,
-29.8107, 39.4830

0.0000, NaN, NaN

■ 121.7869,

0.0000, NaN, NaN

-31.5850, 42.1214

0.0000, NaN, NaN

135.8539,
-33.3454, 44.7038

39.3482, -18.4960,
21.6420

39.3482, -18.4960,
21.6420

39.0233, -19.9182,
22.5361

39.7161, -16.8708,
20.3338

38.7364, -21.1450,
23.0506

40.1263, -15.0339,
18.5864

38.5109, -22.1016,
23.3433

40.5810, -12.9842,
16.3842

41.0811, -10.7229,
13.7190

41.6270, -8.2537,
10.5883

■ 42.2190, -5.5823,
6.9953

■ 42.8569, -2.7161,
2.9476

■ 43.5406, 0.3361,
-1.5436

■ 44.2693, 3.5646,
-6.4638

Harmonies

Analogous

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



39.3491, -2.2224, 23.2181



39.3482, -18.4960, 21.6420



39.3491, -28.5382, 15.5610

Triad

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



39.3491, -18.4970, 21.6422



39.3491, -18.3235, -40.1982



39.3491, 40.3476, 2.2566

Complementary

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



39.3482, -18.4960, 21.6420



18.7967, 23.6313, -43.0574

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.



39.3491, 33.9205, -18.7581



39.3482, -18.4960, 21.6420



39.3491, -1.9808, -49.2112

Square

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



39.3491, -18.4970, 21.6422



39.3491, -28.4518, -19.0556



39.3491, 17.5138, -39.9776



39.3491, 33.7596, 15.6812

Rectangle

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



39.3482, -18.4960, 21.6420



39.3491, -31.4666, 7.4988



39.3491, 17.5138, -39.9776



39.3491, 39.6252, -4.0933

Sweetspot

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



39.3491, -18.4970, 21.6422



55.6948, -11.0814, 14.2167



27.4219, 14.7486, 13.8828



27.0323, -5.7599, 7.3952



78.7982, -4.2045, 4.2813



27.9800, -1.4929, 1.5202

Same Dimension

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



39.3491, -18.4970, 21.6422



51.9540, -27.7902, 30.6738



37.3395, -26.5607, 20.1400



20.5103, -2.3771, 2.9350



39.6872, -22.8077, 24.0558



87.3320, -51.4631, 52.9126

Inverse Universe

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



18.7967, 23.6313, -43.0574



20.3929, 39.4941, -77.6075



23.3871, 33.1723, -29.2561



19.0919, 0.3182, -0.9324



13.7927, 33.8797, -70.6162



29.7318, 74.1094, -160.5750

Previews

White Background



This preview shows how the HunterLab color 39.3482, -18.4960, 21.6420 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 39.3482, -18.4960, 21.6420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

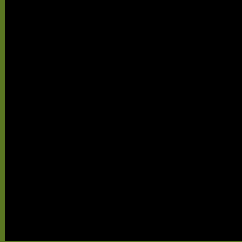
Any Text WCAG AA × Fail

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 39.3482, -18.4960, 21.6420 Background



This preview shows how black text looks on a background with the HunterLab color 39.3482, -18.4960, 21.6420.



This preview shows how white text looks on a background with the HunterLab color 39.3482, -18.4960, 21.6420.

-18.4960, 21.6420.

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

39.3482, -18.4960, 21.6420

Protanopia

39.3282, -5.2595, 22.0817

Deuteranopia

39.2074, 2.6363, 21.1698



Tritanopia

39.2865, -3.6417, -2.6725

Trichromacy



Original Color

39.3482, -18.4960, 21.6420

Protanomaly

39.1147, -10.3336, 21.7404

Deuteranomaly

38.8205, -5.5663, 21.0229

Tritanomaly

39.0419, -10.5132, 9.5206

Monochromacy



Original Color

39.3482, -18.4960, 21.6420

Achromatopsia

36.0744, -1.9248, 1.9600

Achromatomaly

37.1515, -9.1280, 11.5277

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 39.3482, -18.4960, 21.6420 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(90, 119, 34)` looks like.

```
.text, #text, p{  
    color:rgb(90, 119, 34)  
}
```

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(90, 119, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 119, 34) }
```

Border

The CSS property to change the border of an element to HunterLab 39.3482, -18.4960, 21.6420 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(90, 119, 34) }
```


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

```
.border{ border-color:rgb(90, 119, 34) }
```

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

Here you see how a box with a 4 pixel rgb(90, 119, 34) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 119, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 119, 34);  
box-shadow:4px 4px 4px 4px rgb(90, 119,  
34) }
```

Background

The CSS property to change the background color of an element to HunterLab 39.3482, -18.4960, 21.6420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 119, 34) }
```

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

```
.background{ background-color: rgb(90, 119,  
34) }
```

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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