

Converting Colors

HunterLab(59.5667, -46.9312,
29.8937)

Have a look what the booklet for
HunterLab(59.5667, -46.9312,
29.8937) contains.

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Color

**HunterLab(59.5619,
-46.9524, 29.9458)**

Conversions

Conversions Part 1

Format	Color
Hex	21B947
RGB	33, 185, 71
RGB Percent	13%, 73%, 28%
CMY	0.8706, 0.2745, 0.7216
CMYK	0.82, 0.00, 0.62, 0.27
HSL	135°, 70%, 43%
HSV	135°, 82%, 73%
XYZ	19.1135, 35.4762, 11.8014
YIQ	126.5560, -53.9980, -67.6780

Conversions

Conversions Part 2

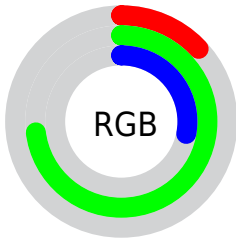
Format	Color
RYB	33, 155, 185
Decimal	2210119
CIELab	66.12, -61.02, 46.22
CIELCh	66, 76.553, 142.856
Yxy	35.4777, 0.2879, 0.5343
Android (android.graphics.Color)	4280400199 (0xFF21B947)
YUV	126.5560, -27.3891, -82.0486
Hunter-Lab	59.5619, -46.9524, 29.9458

Details

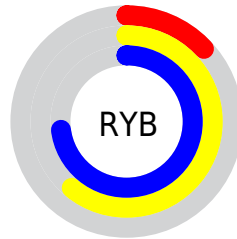
The HunterLab color **59.5619, -46.9524, 29.9458** is a dark color, and the websafe version is hex **33CC66**. A complement of this color would be **36.7549, 61.0687, -20.8125**, and the grayscale version is **46.0148, -2.4552, 2.5001**.

A 20% lighter version of the original color is **82.4986, -54.8165, 36.4083**, and **39.9997, -33.9919, 23.3826** is the 20% darker color. If you saturate the color by 10%, you get **59.2397, -48.5874, 31.7617**, and if you desaturate by 10%, it is **60.0585, -44.5450, 27.7685**.

Distribution



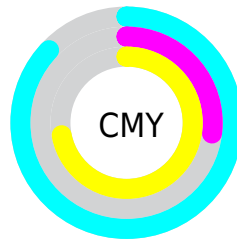
- Red (13%)
- Green (73%)
- Blue (28%)



- Red (13%)
- Yellow (61%)
- Blue (73%)



- Cyan (82%)
- Magenta (0%)
- Yellow (62%)
- Black (27%)



- Cyan (87%)
- Magenta (27%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 59.5619, -46.9524, 29.9458 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 59.5619, -46.9524, 29.9458 by changing the saturation by 10% instead.

■ 59.5619, -46.9524,
29.9458

■ 59.5619, -46.9524,
29.9458

180.7406,
-79.2660, 56.3106

■ 49.0215, -42.6116,
26.4677

■ 82.5985, -54.9874,
36.4330

■ 39.1876, -37.9768,
22.7855

■ 95.0235, -58.7580,
39.4947

■ 30.1166, -32.9598,
18.8554

■ 108.0158,
-62.4006, 42.4616

■ 21.8790, -27.4273,
15.3153

■ 121.5515,
-65.9351, 45.3487

■ 14.5698, -22.9681,
10.1989

■ 135.6097,
-69.3772, 48.1682

■ 8.2304, -14.4032,
5.7613

150.1715,

0.0000, NaN, NaN

-72.7397, 50.9297

0.0000, NaN, NaN

165.2203,
-76.0330, 53.6416

0.0000, NaN, NaN

■ 59.5619, -46.9524,
29.9458

■ 59.5619, -46.9524,
29.9458

■ 59.2397, -48.5874,
31.7617

■ 60.0585, -44.5450,
27.7685

■ 59.0750, -49.4527,
32.9156

■ 60.7434, -41.3111,
25.2449

■ 61.6300, -37.2353,
22.3999

■ 62.7254, -32.3312,
19.2659

■ 64.0328, -26.6373,
15.8812

■ 65.5519, -20.2105,
12.2870

■ 67.2797, -13.1208,
8.5256

■ 69.2107, -5.4449,
4.6376

■ 71.3377, 2.7384,
0.6608

Harmonies

Analogous

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



59.5631, -26.5687, 36.8367



59.5619, -46.9524, 29.9458



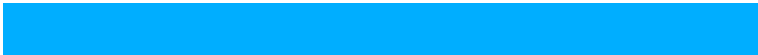
59.5631, -55.2764, 10.4894

Triad

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



59.5631, -46.9532, 29.9461



59.5631, -11.1185, -97.7849



59.5631, 70.0785, 22.7365

Complementary

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



59.5619, -46.9524, 29.9458



36.7549, 61.0687, -20.8125

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.



59.5631, 76.8360, -5.0483



59.5619, -46.9524, 29.9458



59.5631, 24.4846, -87.6244

Square

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



59.5631, -46.9532, 29.9461



59.5631, -37.8269, -70.9816



59.5631, 58.6109, -48.0534



59.5631, 41.8048, 34.6103

Rectangle

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



59.5619, -46.9524, 29.9458



59.5631, -54.5733, -12.3716



59.5631, 58.6109, -48.0534



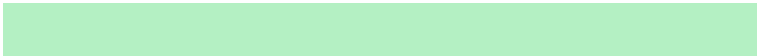
59.5631, 75.1676, 15.5171

Sweetspot

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



59.5631, -46.9532, 29.9461



87.0340, -29.9417, 18.0324



64.0410, -29.4083, 37.6146



40.0813, -15.2943, 9.1511



96.5975, -5.1542, 5.2483



43.2801, -2.3093, 2.3515

Same Dimension

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



59.5631, -46.9532, 29.9461



79.0594, -66.1863, 44.1693



60.9339, -38.5443, 10.0121



31.7742, -5.1572, 3.4849



48.7565, -40.7415, 27.0079



9.2100, -7.3019, 4.2510

Inverse Universe

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



36.7549, 61.0687, -20.8125



46.7283, 86.8219, -24.7275



34.4347, 52.1726, 11.8670



30.2048, 1.9972, -0.1240



28.8089, 53.7666, -15.7288



5.4942, 10.3970, -4.1082

Previews

White Background



This preview shows how the HunterLab color 59.5619, -46.9524, 29.9458 looks on a white background.

Color Contrast Check

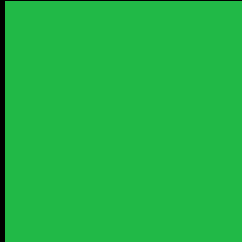
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 59.5619, -46.9524, 29.9458 looks on a black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 59.5619, -46.9524, 29.9458 Background



This preview shows how black text looks on a background with the HunterLab color 59.5619, -46.9524, 29.9458.



This preview shows how white text looks on a background with the HunterLab color 59.5619, -46.9524, 29.9458.

-46.9524, 29.9458.

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

59.5619, -46.9524, 29.9458

Protanopia

59.1411, -7.3482, 31.4512

Deuteranopia

58.9799, 4.1588, 28.5905



Tritanopia

59.2767, -22.0145, -10.8836

Trichromacy



Original Color

59.5619, -46.9524, 29.9458



Protanomaly

57.5684, -27.3875, 29.5249



Deuteranomaly

56.9255, -21.4423, 27.3890



Tritanomaly

58.7476, -33.4726, 8.5786

Monochromacy



Original Color

59.5619, -46.9524, 29.9458



Achromatopsia

46.0685, -2.4581, 2.5030



Achromatomaly

49.5666, -22.7914, 13.5051

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 59.5619, -46.9524, 29.9458 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, 185, 71)` looks like.

```
.text, #text, p{  
    color:rgb(33, 185, 71)  
}
```

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, 185, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 185, 71) }
```

Border

The CSS property to change the border of an element to HunterLab 59.5619, -46.9524, 29.9458 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, 185, 71) }
```


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

```
.border{ border-color:rgb(33, 185, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(33, 185, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 185, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 185, 71);  
box-shadow:4px 4px 4px 4px rgb(33, 185,  
71) }
```

Background

The CSS property to change the background color of an element to HunterLab 59.5619, -46.9524, 29.9458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 185, 71) }
```

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

```
.background{ background-color: rgb(33, 185,  
71) }
```

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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