

Converting Colors

HunterLab(41.9827, -18.3101,
16.1729)

Have a look what the booklet for
HunterLab(41.9827, -18.3101,
16.1729) contains.

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Color

**HunterLab(41.9564,
-18.3404, 16.1256)**

Conversions

Conversions Part 1

Format	Color
Hex	5A7E4B
RGB	90, 126, 75
RGB Percent	35%, 49%, 29%
CMY	0.6471, 0.5059, 0.7059
CMYK	0.29, 0.00, 0.40, 0.51
HSL	102°, 25%, 39%
HSV	102°, 40%, 49%
XYZ	12.9473, 17.6034, 9.3720
YIQ	109.4220, -5.0850, -23.4930

Conversions

Conversions Part 2

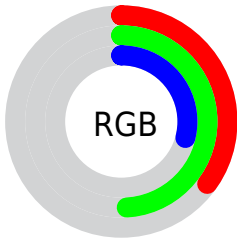
Format	Color
RYB	75, 126, 111
Decimal	5930571
CIELab	49.01, -22.96, 23.78
CIELCh	49, 33.055, 133.986
Yxy	17.6042, 0.3243, 0.4409
Android (android.graphics.Color)	4284120651 (0xFF5A7E4B)
YUV	109.4220, -16.9700, -17.0331
Hunter-Lab	41.9564, -18.3404, 16.1256

Details

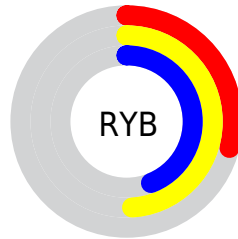
The HunterLab color $41.9564, -18.3404, 16.1256$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $31.4937, 17.6508, -17.4466$, and the grayscale version is $39.3317, -2.0986, 2.1370$.

A 20% lighter version of the original color is $62.7361, -22.3174, 20.2456$, and $24.2770, -14.2281, 11.7105$ is the 20% darker color. If you saturate the color by 10%, you get $41.2658, -21.4144, 18.4217$, and if you desaturate by 10%, it is $42.7401, -14.9042, 13.3875$.

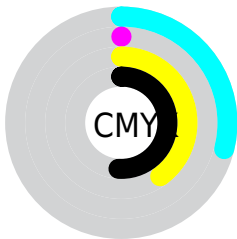
Distribution



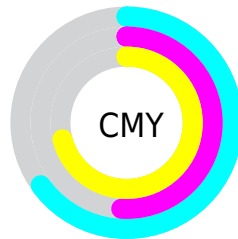
- Red (35%)
- Green (49%)
- Blue (29%)



- Red (29%)
- Yellow (49%)
- Blue (44%)



- Cyan (29%)
- Magenta (0%)
- Yellow (40%)
- Black (51%)



- Cyan (65%)
- Magenta (51%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 41.9564, -18.3404, 16.1256 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 41.9564, -18.3404, 16.1256 by changing the saturation by 10% instead.

■ 41.9564, -18.3404,
16.1256

■ 41.9564, -18.3404,
16.1256

154.4766,
-34.3468, 32.7333

■ 32.6591, -16.3294,
13.9935

■ 62.7389, -22.1289,
20.1051

■ 24.1719, -14.1934,
11.7148

■ 74.1282, -23.9449,
21.9989

■ 16.5824, -11.8702,
9.3588

■ 86.1339, -25.7260,
23.8491

■ 10.0126, -10.6065,
7.0088

■ 98.7257, -27.4808,
25.6661

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 111.8775,
-29.2158, 27.4576

0.0000, NaN, NaN

125.5665,

0.0000, NaN, NaN

-30.9359, 29.2296

0.0000, NaN, NaN

139.7722,
-32.6452, 30.9869

■ 41.9564, -18.3404,
16.1256

■ 41.9564, -18.3404,
16.1256

■ 41.2658, -21.4144,
18.4217

■ 42.7401, -14.9042,
13.3875

■ 40.6656, -24.1056,
20.2690

■ 43.6136, -11.1258,
10.2198

■ 40.1553, -26.4041,
21.6725

■ 44.5762, -7.0325,
6.6425

■ 39.7328, -28.3069,
22.6487

■ 45.6258, -2.6526,
2.6797

■ 39.3941, -29.8217,
23.2289

■ 46.7599, 1.9848,
-1.6414

■ 39.1367, -30.9701,
23.5737

■ 47.9755, 6.8509,
-6.2923

■ 49.2696, 11.9180,
-11.2443

■ 50.6387, 17.1599,
-16.4687

■ 52.0794, 22.5528,
-21.9386

Harmonies

Analogous

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



41.9573, -8.1571, 19.5174



41.9564, -18.3404, 16.1256



41.9573, -23.8124, 8.3715

Triad

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



41.9573, -18.3413, 16.1260



41.9573, -8.9668, -27.8950



41.9573, 25.1075, 7.6723

Complementary

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



41.9564, -18.3404, 16.1256



31.4937, 17.6508, -17.4466

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.



41.9573, 24.8211, -4.8795



41.9564, -18.3404, 16.1256



41.9573, 4.0222, -28.2575

Square

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



41.9573, -18.3413, 16.1260



41.9573, -18.8712, -17.9989



41.9573, 16.7256, -18.8751



41.9573, 17.4659, 15.7501

Rectangle

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



41.9564, -18.3404, 16.1256



41.9573, -24.5295, 0.5839



41.9573, 16.7256, -18.8751



41.9573, 25.9618, 3.9155

Sweetspot

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



41.9573, -18.3413, 16.1260



58.9002, -10.3389, 9.7075



40.3087, -1.7830, 15.0153



28.0292, -5.1940, 4.8620



79.8926, -4.2629, 4.3407



28.9024, -1.5422, 1.5703

Same Dimension

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



41.9573, -18.3413, 16.1260



54.7758, -28.2832, 24.3485



41.3249, -20.4391, 12.7155



22.0800, -3.1849, 3.0234



39.6368, -31.3784, 23.8747

0.0000, NaN, NaN

Inverse Universe

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



31.4937, 17.6508, -17.4466



37.9756, 29.9079, -30.3212



32.7484, 20.4260, -9.2686



20.8588, 0.9691, -0.8114



19.2853, 41.0396, -49.6539

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 41.9564, -18.3404, 16.1256 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 41.9564, -18.3404, 16.1256 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

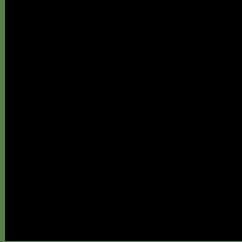
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

HunterLab 41.9564, -18.3404, 16.1256 Background



This preview shows how black text looks on a background with the HunterLab color 41.9564, -18.3404, 16.1256.



This preview shows how white text looks on a background with the HunterLab color 41.9564,

-18.3404, 16.1256.

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

41.9564, -18.3404, 16.1256

Protanopia

41.7825, -4.1880, 17.2137

Deuteranopia

41.7228, 2.7401, 15.5148



Tritanopia

42.0364, -6.3677, -3.5022

Trichromacy



Original Color

41.9564, -18.3404, 16.1256

Protanomaly

41.8070, -9.8625, 16.8939

Deuteranomaly

41.3419, -5.5539, 15.3081

Tritanomaly

41.8449, -11.1888, 5.0891

Monochromacy



Original Color

41.9564, -18.3404, 16.1256

Achromatopsia

39.1058, -2.0866, 2.1247

Achromatomaly

39.9366, -8.3523, 7.6728

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 41.9564, -18.3404, 16.1256 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, 126, 75)` looks like.

```
.text, #text, p{  
    color:rgb(90, 126, 75)  
}
```

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, 126, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 126, 75) }
```

Border

The CSS property to change the border of an element to HunterLab 41.9564, -18.3404, 16.1256 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, 126, 75) }
```


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

```
.border{ border-color:rgb(90, 126, 75) }
```

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

Here you see how a box with a 4 pixel rgb(90, 126, 75) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 126, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 126, 75);  
box-shadow:4px 4px 4px 4px rgb(90, 126,  
75) }
```

Background

The CSS property to change the background color of an element to HunterLab 41.9564, -18.3404, 16.1256 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 126, 75) }
```

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

```
.background{ background-color: rgb(90, 126,  
75) }
```

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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