

Converting Colors

HunterLab(51.7466, -16.9546,
4.0607)

Have a look what the booklet for
HunterLab(51.7466, -16.9546,
4.0607) contains.

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Color

**HunterLab(51.6245,
-16.6274, 3.9047)**

Conversions

Conversions Part 1

Format	Color
Hex	69968A
RGB	105, 150, 138
RGB Percent	41%, 59%, 54%
CMY	0.5882, 0.4118, 0.4588
CMYK	0.30, 0.00, 0.08, 0.41
HSL	164°, 18%, 50%
HSV	164°, 30%, 59%
XYZ	21.3195, 26.6509, 28.0652
YIQ	135.1770, -22.9680, -13.2720

Conversions

Conversions Part 2

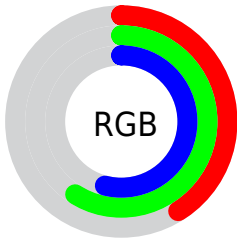
Format	Color
RYB	105, 131, 150
Decimal	6919818
CIELab	58.65, -17.97, 1.43
CIELCh	59, 18.027, 175.464
Yxy	26.6520, 0.2804, 0.3505
Android (android.graphics.Color)	4285109898 (0xFF69968A)
YUV	135.1770, 1.3917, -26.4652
Hunter-Lab	51.6245, -16.6274, 3.9047

Details

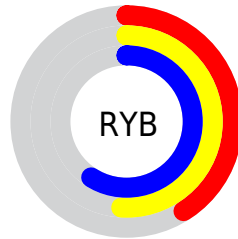
The HunterLab color $[51.6245, -16.6274, 3.9047]$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $[42.2756, 14.0149, 2.6909]$, and the grayscale version is $[49.2943, -2.6302, 2.6783]$.

A 20% lighter version of the original color is $[73.5632, -19.7828, 5.2563]$, and $[32.3559, -13.2930, 2.7868]$ is the 20% darker color. If you saturate the color by 10%, you get $[50.7036, -20.3412, 4.5134]$, and if you desaturate by 10%, it is $[52.6876, -12.4679, 3.4488]$.

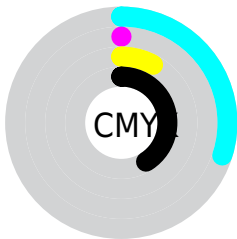
Distribution



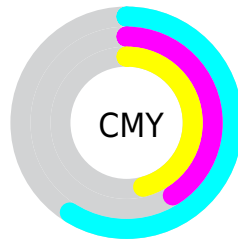
- Red (41%)
- Green (59%)
- Blue (54%)



- Red (41%)
- Yellow (51%)
- Blue (59%)



- Cyan (30%)
- Magenta (0%)
- Yellow (8%)
- Black (41%)



- Cyan (59%)
- Magenta (41%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.6245, -16.6274, 3.9047 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 51.6245, -16.6274, 3.9047 by changing the saturation by 10% instead.

■ 51.6245, -16.6274,
3.9047

■ 51.6245, -16.6274,
3.9047

169.1059,
-30.2794, 10.8414

■ 41.6077, -15.0174,
3.2824

■ 73.7054, -19.7439,
5.2482

■ 32.3376, -13.3500,
2.6936

■ 85.6893, -21.2691,
5.9653

■ 23.8812, -11.5983,
2.1407

■ 98.2604, -22.7815,
6.7112

■ 16.3261, -9.7154,
1.6254

■ 111.3924,
-24.2856, 7.4850

■ 9.7962, -8.5509,
1.1495

125.0623,
-25.7849, 8.2858

0.0000, NaN, NaN

139.2497,

0.0000, NaN, NaN

-27.2823, 9.1126

0.0000, NaN, NaN

153.9364,
-28.7798, 9.9647

0.0000, NaN, NaN

■ 51.6245, -16.6274,
3.9047

■ 51.6245, -16.6274,
3.9047

■ 50.7036, -20.3412,
4.5134

■ 52.6876, -12.4679,
3.4488

■ 49.9211, -23.5805,
5.2659

■ 53.8889, -7.8945,
3.1471

■ 49.2754, -26.3296,
6.1524

■ 55.2268, -2.9469,
3.0006

■ 48.7613, -28.5850,
7.1586

■ 56.6978, 2.3339,
3.0067

■ 48.3711, -30.3583,
8.2668

■ 58.2976, 7.9063,
3.1608

■ 48.0937, -31.6798,
9.4558

■ 60.0208, 13.7301,
3.4566

■ 47.8950, -32.6791,
10.6802

■ 61.8621, 19.7678,
3.8864

■ 63.8156, 25.9848,
4.4419

■ 65.8755, 32.3508,
5.1144

Harmonies

Analogous

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



51.6256, -14.3332, 10.1355



51.6245, -16.6274, 3.9047



51.6256, -15.3875, -3.5806

Triad

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



51.6256, -16.6281, 3.9054



51.6256, 3.7256, -11.4996



51.6256, 5.8563, 13.0663

Complementary

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



51.6245, -16.6274, 3.9047



42.2756, 14.0149, 2.6909

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.



51.6256, 11.2174, 8.4757



51.6245, -16.6274, 3.9047



51.6256, 9.9378, -5.7761

Square

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



51.6256, -16.6281, 3.9054



51.6256, -3.9165, -13.1898



51.6256, 12.7526, 1.6903



51.6256, -1.5880, 14.9117

Rectangle

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



51.6245, -16.6274, 3.9047



51.6256, -12.6818, -8.2017



51.6256, 12.7526, 1.6903



51.6256, 7.9785, 11.8288

Sweetspot

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



51.6256, -16.6281, 3.9054



71.7266, -9.9645, 4.1570



51.6409, -18.1491, 16.1584



33.6601, -5.0880, 1.9753



86.5109, -4.6160, 4.7003



34.5370, -1.8428, 1.8765

Same Dimension

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



51.6256, -16.6281, 3.9054



67.7383, -25.4665, 5.7082



49.0261, -10.2604, -4.8664



25.5658, -3.5551, 1.4819



43.6235, -29.7219, 9.6354



4.8766, -2.9818, 0.3414

Inverse Universe

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



42.2756, 14.0149, 2.6909



52.7622, 23.8391, 3.8882



44.3951, 7.6707, 9.6412



24.1646, 1.0028, 1.2815



23.4725, 40.7590, 10.8131



2.6792, 4.8107, 0.0064

Previews

White Background



This preview shows how the HunterLab color 51.6245, -16.6274, 3.9047 looks on a white 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

Black Background



This preview shows how the HunterLab color 51.6245, -16.6274, 3.9047 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

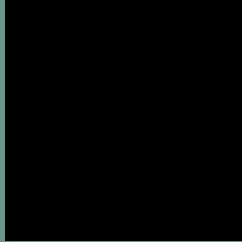
Any Text WCAG AA ✓ Pass

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 51.6245, -16.6274, 3.9047 Background



This preview shows how black text looks on a background with the HunterLab color 51.6245, -16.6274, 3.9047.



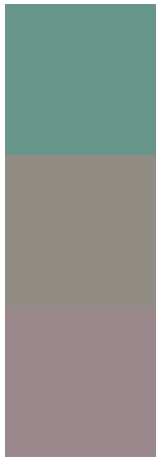
This preview shows how white text looks on a background with the HunterLab color 51.6245,

-16.6274, 3.9047.

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

51.6245, -16.6274, 3.9047

Protanopia

51.4216, -2.4417, 6.4729

Deuteranopia

51.3823, 3.6635, 2.6482



Tritanopia

51.6581, -10.5053, -5.9992

Trichromacy



Original Color

51.6245, -16.6274, 3.9047

Protanomaly

51.3941, -8.3821, 5.5027

Deuteranomaly

51.1639, -4.3691, 2.6989

Tritanomaly

51.5774, -12.8761, -2.0999

Monochromacy



Original Color

51.6245, -16.6274, 3.9047

Achromatopsia

49.2221, -2.6264, 2.6743

Achromatomaly

49.8185, -7.8754, 2.8391

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.6245, -16.6274, 3.9047 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(105, 150, 138)` looks like.

```
.text, #text, p{  
    color:rgb(105, 150, 138)  
}
```

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(105, 150, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 150, 138) }
```

Border

The CSS property to change the border of an element to HunterLab 51.6245, -16.6274, 3.9047 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(105, 150, 138) }
```


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

```
.border{ border-color:rgb(105, 150, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 150, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 150, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 150, 138);  
box-shadow:4px 4px 4px 4px rgb(105, 150,  
138) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.6245, -16.6274, 3.9047 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 150, 138) }
```

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

```
.background{ background-color: rgb(105,  
150, 138) }
```

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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