

Converting Colors

HunterLab(16.5494, -6.9620,
-3.7136)

Have a look what the booklet for
HunterLab(16.5494, -6.9620,
-3.7136) contains.

HunterLab(16.4959, -6.8472, -3.8681)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(16.4959, -6.8472,
-3.8681)**

Conversions

Conversions Part 1

Format	Color
Hex	093339
RGB	9, 51, 57
RGB Percent	4%, 20%, 22%
CMY	0.9647, 0.8000, 0.7765
CMYK	0.84, 0.11, 0.00, 0.78
HSL	187°, 73%, 13%
HSV	187°, 84%, 22%
XYZ	2.0350, 2.7211, 4.2889
YIQ	39.1260, -26.9580, -7.0380

Conversions

Conversions Part 2

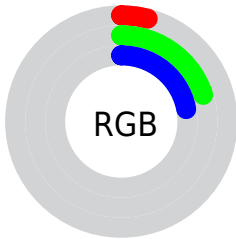
Format	Color
R_YB	9, 31, 57
Decimal	602937
CIE Lab	18.89, -11.55, -7.89
CIE LCh	19, 13.990, 214.345
Yxy	2.7212, 0.2250, 0.3008
Android (android.graphics.Color)	4278793017 (0xFF093339)
YUV	39.1260, 8.8119, -26.4205
Hunter-Lab	16.4959, -6.8472, -3.8681

Details

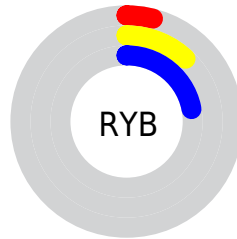
The HunterLab color **16.4959, -6.8472, -3.8681** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **11.0966, 11.2662, 5.6535**, and the grayscale version is **14.2637, -0.7611, 0.7750**.

A 20% lighter version of the original color is **32.7040, -9.5840, -3.7591**, and **2.3112, 2.9158, -9.1831** is the 20% darker color. If you saturate the color by 10%, you get **16.1947, -7.0365, -4.3160**, and if you desaturate by 10%, it is **16.8077, -6.6228, -3.4142**.

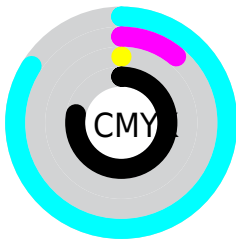
Distribution



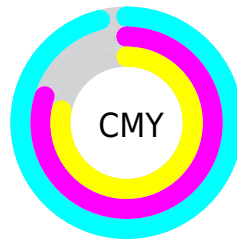
- Red (4%)
- Green (20%)
- Blue (22%)



- Red (4%)
- Yellow (12%)
- Blue (22%)



- Cyan (84%)
- Magenta (11%)
- Yellow (0%)
- Black (78%)



- Cyan (96%)
- Magenta (80%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 16.4959, -6.8472, -3.8681 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 16.4959, -6.8472, -3.8681 by changing the saturation by 10% instead.

16.4959, -6.8472,
-3.8681

16.4959, -6.8472,
-3.8681

111.7146,
-17.9075, -2.1439

9.9398, -5.6579,
-3.6905

32.5511, -9.4386,
-3.9364

0.0000, NaN, -NF

0.0000, NaN, NaN

41.8399, -10.6710,
-3.8518

0.0000, NaN, NaN

51.8750, -11.8845,
-3.7005

0.0000, NaN, NaN

0.0000, NaN, NaN

62.6045, -13.0884,
-3.4896

0.0000, NaN, NaN

73.9862, -14.2890,
-3.2243

0.0000, NaN, NaN

85.9846, -15.4905,

0.0000, NaN, NaN

-2.9093

■ 98.5694, -16.6959,
-2.5481

■ 16.4959, -6.8472,
-3.8681

■ 16.4959, -6.8472,
-3.8681

■ 16.1947, -7.0365,
-4.3160

■ 16.8077, -6.6228,
-3.4142

■ 16.0187, -7.1523,
-4.5822

■ 17.1540, -6.2694,
-2.9189

■ 17.5364, -5.7849,
-2.3831

■ 17.9550, -5.1722,
-1.8092

■ 18.4098, -4.4360,
-1.2004

■ 18.9000, -3.5828,
-0.5600

■ 19.4248, -2.6199,
0.1083

■ 19.9832, -1.5553,
0.8012

■ 20.5739, -0.3973,
1.5153

Harmonies

Analogous

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



16.4962, -7.9690, 0.3251



16.4959, -6.8472, -3.8681



16.4962, -4.1283, -7.3016

Triad

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



16.4962, -6.8472, -3.8678



16.4962, 6.7663, -2.6536



16.4962, -1.4687, 6.7213

Complementary

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



16.4959, -6.8472, -3.8681



11.0966, 11.2662, 5.6535

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.



16.4962, 2.6385, 6.2895



16.4959, -6.8472, -3.8681



16.4962, 7.6517, 1.4510

Square

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



16.4962, -6.8472, -3.8678



16.4962, 3.7607, -6.4899



16.4962, 6.0756, 4.5638



16.4962, -5.0603, 5.9299

Rectangle

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



16.4959, -6.8472, -3.8681



16.4962, -1.6437, -8.3389



16.4962, 6.0756, 4.5638



16.4962, -0.1044, 6.7125

Sweetspot

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



16.4962, -6.8472, -3.8678



24.3049, -4.8619, -0.8910



17.3717, -13.3510, 8.9783



12.9738, -2.6745, -0.5294



61.6487, -3.2894, 3.3495



14.0024, -0.7471, 0.7608

Same Dimension

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



16.4962, -6.8472, -3.8678



20.5930, -9.0990, -6.0973



10.7515, 1.9784, -14.6870



10.5366, -1.0690, 0.2743



25.6013, -11.2267, -7.7641



65.4066, -28.0843, -21.1268

Inverse Universe

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



11.4208, 17.2531, -8.9204



13.5356, 25.9746, -12.9159



15.2139, 2.1116, 8.4041



10.1773, 0.4158, -0.0124



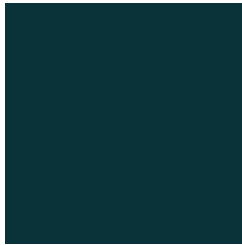
16.8791, 32.3658, -15.9132



43.4827, 83.2061, -39.6588

Previews

White Background



This preview shows how the HunterLab color 16.4959, -6.8472, -3.8681 looks on a white background.

Color Contrast Check

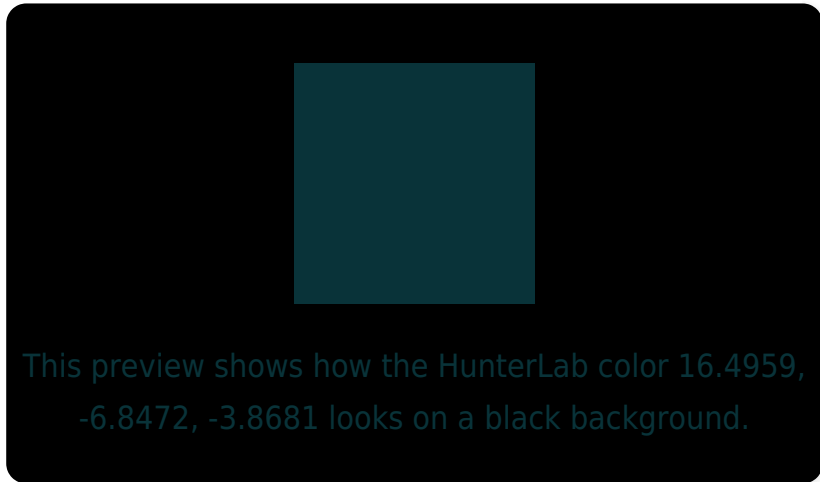
Large Text (above 18pt) WCAG AA ✓ Pass

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

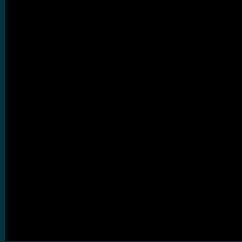
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

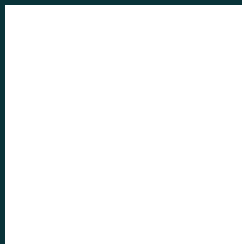
Any Text WCAG AAA × Fail

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

HunterLab 16.4959, -6.8472, -3.8681 Background



This preview shows how black text looks on a background with the HunterLab color 16.4959, -6.8472, -3.8681.



This preview shows how white text looks on a background with the HunterLab color 16.4959, -6.8472, -3.8681.

-3.8681.

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

16.4959, -6.8472, -3.8681

Protanopia

16.6401, -0.1377, -1.7499

Deuteranopia

16.4855, 0.8269, -4.2239



Tritanopia

16.3971, -7.3470, -3.0941

Trichromacy



Original Color

16.4959, -6.8472, -3.8681

Protanomaly

16.3931, -3.4426, -2.5816

Deuteranomaly

16.2167, -2.5641, -4.6875

Tritanomaly

16.4463, -7.0981, -3.4781

Monochromacy



Original Color

16.4959, -6.8472, -3.8681

Achromatopsia

14.2438, -0.7600, 0.7739

Achromatomaly

14.7373, -3.5536, -1.3800

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 16.4959, -6.8472, -3.8681 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(9, 51, 57)` looks like.

```
.text, #text, p{  
    color:rgb(9, 51, 57)  
}
```

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(9, 51, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(9, 51, 57) }
```

Border

The CSS property to change the border of an element to HunterLab 16.4959, -6.8472, -3.8681 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(9, 51, 57) }
```


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

```
.border{ border-color:rgb(9, 51, 57) }
```

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

Here you see how a box with a 4 pixel `rgb(9, 51, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(9, 51, 57); -webkit-box-shadow:4px  
4px 4px 4px rgb(9, 51, 57); box-shadow:4px  
4px 4px 4px rgb(9, 51, 57) }
```

Background

The CSS property to change the background color of an element to HunterLab 16.4959, -6.8472, -3.8681 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(9, 51, 57) }
```

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

```
.background{ background-color: rgb(9, 51,  
57) }
```

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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