

Converting Colors

HunterLab(16.6346, -2.6782,
-0.7285)

Have a look what the booklet for
HunterLab(16.6346, -2.6782,
-0.7285) contains.

HunterLab(16.6599, -2.6971, -0.5207)	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(16.6599, -2.6971,
-0.5207)**

Conversions

Conversions Part 1

Format	Color
Hex	273032
RGB	39, 48, 50
RGB Percent	15%, 19%, 20%
CMY	0.8471, 0.8118, 0.8039
CMYK	0.22, 0.04, 0.00, 0.80
HSL	191°, 12%, 17%
HSV	191°, 22%, 20%
XYZ	2.4694, 2.7755, 3.4232
YIQ	45.5370, -6.0060, -1.2860

Conversions

Conversions Part 2

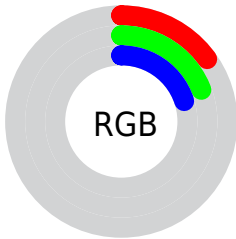
Format	Color
R_YB	39, 44, 50
Decimal	2568242
CIE Lab	19.12, -3.30, -2.57
CIE LCh	19, 4.180, 217.906
Yxy	2.7756, 0.2849, 0.3202
Android (android.graphics.Color)	4280758322 (0xFF273032)
YUV	45.5370, 2.2003, -5.7329
Hunter-Lab	16.6599, -2.6971, -0.5207

Details

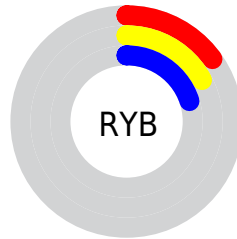
The HunterLab color **16.6599, -2.6971, -0.5207** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **15.5257, 1.2802, 2.2590**, and the grayscale version is **16.3708, -0.8735, 0.8895**.

A 20% lighter version of the original color is **32.7639, -4.1083, 0.0913**, and **0.8108, 2.1994, -5.7613** is the 20% darker color. If you saturate the color by 10%, you get **16.1580, -3.3579, -1.1753**, and if you desaturate by 10%, it is **17.1898, -1.9514, 0.1497**.

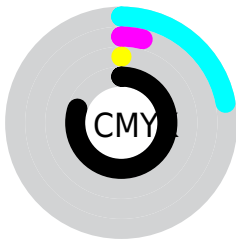
Distribution



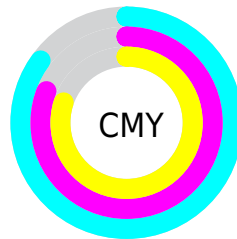
- Red (15%)
- Green (19%)
- Blue (20%)



- Red (15%)
- Yellow (17%)
- Blue (20%)



- Cyan (22%)
- Magenta (4%)
- Yellow (0%)
- Black (80%)



- Cyan (85%)
- Magenta (81%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 16.6599, -2.6971, -0.5207 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 16.6599, -2.6971, -0.5207 by changing the saturation by 10% instead.

■ 16.6599, -2.6971,
-0.5207

■ 16.6599, -2.6971,
-0.5207

■ 112.0246, -9.4491,
3.4841

■ 10.0784, -2.0537,
-0.6787

■ 32.7567, -4.0321,
0.0219

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 42.0634, -4.7329,
0.3833

0.0000, NaN, NaN

■ 52.1151, -5.4580,
0.7955

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 62.8602, -6.2078,
1.2538

0.0000, NaN, NaN

■ 74.2565, -6.9821,
1.7545

0.0000, NaN, NaN

■ 86.2687, -7.7807,

0.0000, NaN, NaN

2.2947

98.8668, -8.6032,
2.8719

16.6599, -2.6971,
-0.5207

16.6599, -2.6971,
-0.5207

16.1580, -3.3579,
-1.1753

17.1898, -1.9514,
0.1497

15.6840, -3.9266,
-1.8120

17.7455, -1.1267,
0.8325

15.2391, -4.3975,
-2.4274

18.3262, -0.2298,
1.5256

14.8239, -4.7651,
-3.0185

18.9308, 0.7330,
2.2268

14.4390, -5.0256,
-3.5820

19.5582, 1.7557,
2.9345

■ 14.0835, -5.1792,
-4.1164

■ 20.2072, 2.8327,
3.6471

■ 13.7353, -5.3093,
-4.6554

■ 20.8768, 3.9588,
4.3633

■ 13.4541, -5.4261,
-5.1030

■ 21.5658, 5.1295,
5.0822

■ 22.2733, 6.3405,
5.8029

Harmonies

Analogous

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



16.6602, -3.1462, 0.5976



16.6599, -2.6971, -0.5207



16.6602, -1.7614, -1.2918

Triad

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



16.6602, -2.6974, -0.5204



16.6602, 1.3357, 0.0471



16.6602, -1.2107, 2.9657

Complementary

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



16.6599, -2.6971, -0.5207



15.5257, 1.2802, 2.2590

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.



16.6602, 0.0000, 2.8415



16.6599, -2.6971, -0.5207



16.6602, 1.4934, 1.2103

Square

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



16.6602, -2.6974, -0.5204



16.6602, 0.5732, -0.9481



16.6602, 0.9982, 2.2181



16.6602, -2.3041, 2.5703

Rectangle

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



16.6599, -2.6971, -0.5207



16.6602, -0.9753, -1.4761



16.6602, 0.9982, 2.2181



16.6602, -0.8042, 2.9827

Sweetspot

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



16.6602, -2.6974, -0.5204



22.0322, -1.9918, 0.5885



16.9456, -4.6405, 3.0737



12.0979, -1.0847, 0.3300



59.5560, -3.1778, 3.2358



12.3795, -0.6605, 0.6726

Same Dimension

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



16.6602, -2.6974, -0.5204



20.7011, -3.8619, -1.0974



15.3795, -0.6341, -2.1678



9.7507, -0.9260, 0.2263



23.4398, -9.0503, -9.7608



60.4822, -22.3699, -27.3074

Inverse Universe

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



15.3056, 3.2399, -1.3447



18.6085, 5.3911, -2.3878



16.7475, -0.8321, 3.5097



9.4564, 0.3379, 0.0536



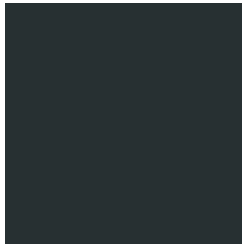
16.1791, 30.6827, -12.6103



42.3106, 79.9938, -31.0746

Previews

White Background



This preview shows how the HunterLab color 16.6599, -2.6971, -0.5207 looks on a white background.

Color Contrast Check

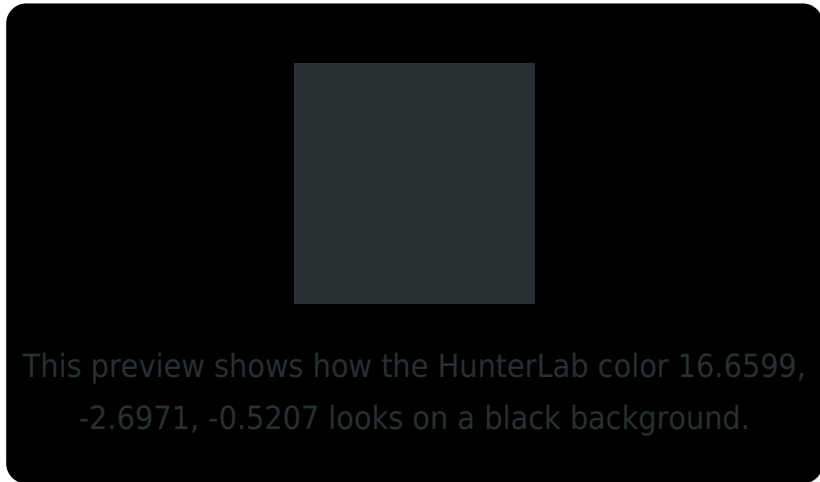
Large Text (above 18pt) WCAG AA ✓ Pass

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

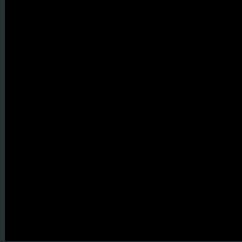
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

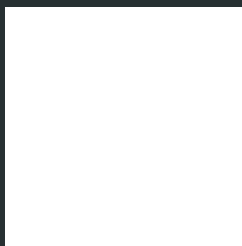
Any Text WCAG AAA × Fail

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

HunterLab 16.6599, -2.6971, -0.5207 Background



This preview shows how black text looks on a background with the HunterLab color 16.6599, -2.6971, -0.5207.



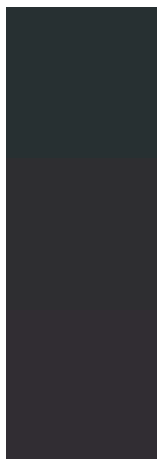
This preview shows how white text looks on a background with the HunterLab color 16.6599, -2.6971, -0.5207.

-0.5207.

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

16.6599, -2.6971, -0.5207

Protanopia

16.6030, -0.4778, -0.1542

Deuteranopia

16.6396, 0.9449, -0.8900



Tritanopia

16.7128, -2.4022, -1.2691

Trichromacy



Original Color

16.6599, -2.6971, -0.5207

Protanomaly

16.6384, -1.5764, -0.1295

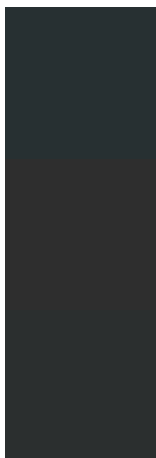
Deuteranomaly

16.5858, -0.4330, -0.9834

Tritanomaly

16.6861, -2.5510, -0.8915

Monochromacy



Original Color

16.6599, -2.6971, -0.5207

Achromatopsia

16.5290, -0.8819, 0.8981

Achromatomaly

16.5887, -1.8511, 0.5775

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 16.6599, -2.6971, -0.5207 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(39, 48, 50)` looks like.

```
.text, #text, p{  
    color:rgb(39, 48, 50)  
}
```

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(39, 48, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 48, 50) }
```

Border

The CSS property to change the border of an element to HunterLab 16.6599, -2.6971, -0.5207 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(39, 48, 50) }
```


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

```
.border{ border-color:rgb(39, 48, 50) }
```

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

Here you see how a box with a 4 pixel rgb(39, 48, 50) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 48, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 48, 50);  
box-shadow:4px 4px 4px 4px rgb(39, 48, 50)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 16.6599, -2.6971, -0.5207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 48, 50) }
```

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

```
.background{ background-color: rgb(39, 48,  
50) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor