

Converting Colors

HunterLab(18.1409, 1.7418,
-2.7635)

Have a look what the booklet for
HunterLab(18.1409, 1.7418, -2.7635)
contains.

HunterLab(18.1101, 1.6428, -2.8075)	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(18.1101, 1.6428,
-2.8075)**

Conversions

Conversions Part 1

Format	Color
Hex	35313C
RGB	53, 49, 60
RGB Percent	21%, 19%, 24%
CMY	0.7922, 0.8078, 0.7647
CMYK	0.12, 0.18, 0.00, 0.76
HSL	262°, 10%, 21%
HSV	262°, 18%, 24%
XYZ	3.3821, 3.2798, 4.7298
YIQ	51.4500, -1.1470, 4.2690

Conversions

Conversions Part 2

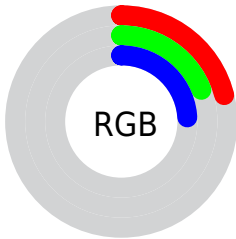
Format	Color
R_{YB}	53, 49, 60
Decimal	3486012
CIE Lab	21.13, 4.41, -6.29
CIE LCh	21, 7.678, 305.045
Yxy	3.2799, 0.2969, 0.2879
Android (android.graphics.Color)	4281676092 (0xFF35313C)
YUV	51.4500, 4.2151, 1.3593
Hunter-Lab	18.1101, 1.6428, -2.8075

Details

The HunterLab color **18.1101, 1.6428, -2.8075** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **20.7227, -3.5218, 4.3935**, and the grayscale version is **18.3328, -0.9782, 0.9961**.

A 20% lighter version of the original color is **34.5764, 1.4492, -2.5209**, and **3.4206, 5.5036, -7.7151** is the 20% darker color. If you saturate the color by 10%, you get **16.4670, 3.2144, -5.1892**, and if you desaturate by 10%, it is **19.8074, 0.1130, -0.5893**.

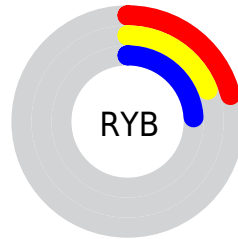
Distribution



Red (21%)

Green (19%)

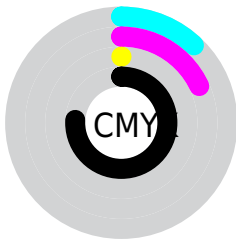
Blue (24%)



Red (21%)

Yellow (19%)

Blue (24%)

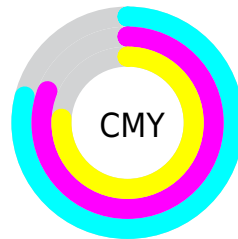


Cyan (12%)

Magenta (18%)

Yellow (0%)

Black (76%)



Cyan (79%)

Magenta (81%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.1101, 1.6428, -2.8075 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 18.1101, 1.6428, -2.8075 by changing the saturation by 10% instead.

■ 18.1101, 1.6428,
-2.8075

■ 18.1101, 1.6428,
-2.8075

■ 114.7344, -1.3919,
-0.3113

■ 11.3117, 1.6491,
-2.7413

■ 34.5644, 1.3602,
-2.6686

■ 3.5396, 5.2385,
-7.1685

■ 44.0255, 1.1149,
-2.4901

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 54.2203, 0.8123,
-2.2503

0.0000, NaN, NaN

■ 65.0994, 0.4584,
-1.9556

0.0000, NaN, NaN

■ 76.6222, 0.0576,
-1.6107

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 88.7544, -0.3862,

-1.2197

0.0000, NaN, NaN

101.4669, -0.8702,
-0.7857

■ 18.1101, 1.6428,
-2.8075

■ 18.1101, 1.6428,
-2.8075

■ 16.4670, 3.2144,
-5.1892

■ 19.8074, 0.1130,
-0.5893

■ 14.8850, 4.8362,
-7.7714

■ 21.5512, -1.3815,
1.4945

■ 13.3753, 6.5135,
-10.5943

■ 23.3368, -2.8477,
3.4690

■ 11.9518, 8.2459,
-13.6982

■ 25.1602, -4.2915,
5.3545

■ 10.6328, 10.0187,
-17.1108

■ 27.0180, -5.7179,
7.1669

■ 9.4419, 11.7889,
-20.8201

■ 28.9074, -7.1309,
8.9196

■ 8.3752, 13.5742,
-24.8655

■ 30.8260, -8.5340,
10.6230

■ 7.2370, 16.1297,
-30.2814

■ 32.7719, -9.9299,
12.2858

■ 7.0337, 16.6837,
-31.4094

■ 34.7434, -11.3208,
13.9152

Harmonies

Analogous

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



18.1105, -0.5768, -3.7248



18.1101, 1.6428, -2.8075



18.1105, 3.2186, -0.8802

Triad

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



18.1105, 1.6424, -2.8071



18.1105, 0.9363, 4.3998



18.1105, -5.1649, 0.6120

Complementary

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



18.1101, 1.6428, -2.8075



20.7227, -3.5218, 4.3935

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.



18.1105, -4.8045, 2.6722



18.1101, 1.6428, -2.8075



18.1105, -1.3545, 4.6953

Square

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



18.1105, 1.6424, -2.8071



18.1105, 2.7969, 3.2387



18.1105, -3.4371, 4.1025



18.1105, -4.4471, -1.5998

Rectangle

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



18.1101, 1.6428, -2.8075



18.1105, 3.6519, 0.6187



18.1105, -3.4371, 4.1025



18.1105, -5.1654, 1.3454

Sweetspot

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



18.1105, 1.6424, -2.8071



26.7752, -0.4640, 0.0896



19.5505, -2.2230, -0.9566



14.1549, -0.2177, 0.0078



62.6995, -3.3455, 3.4066



14.8260, -0.7911, 0.8055

Same Dimension

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



18.1105, 1.6424, -2.8071



22.8075, 3.1311, -5.1456



18.5286, 3.0212, -2.2096



10.7790, 0.0721, -0.3361



10.7691, 26.0051, -51.6652



26.4583, 65.2126, -137.1804

Inverse Universe

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



18.5552, 2.8886, -0.4712



23.5587, 5.1903, -1.1367



20.3674, -4.8109, 4.0069



10.8864, 0.3851, 0.2107



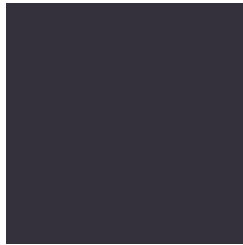
16.5074, 30.2486, -4.6754



41.7547, 76.1251, -8.8235

Previews

White Background



This preview shows how the HunterLab color 18.1101, 1.6428, -2.8075 looks on a white background.

Color Contrast Check

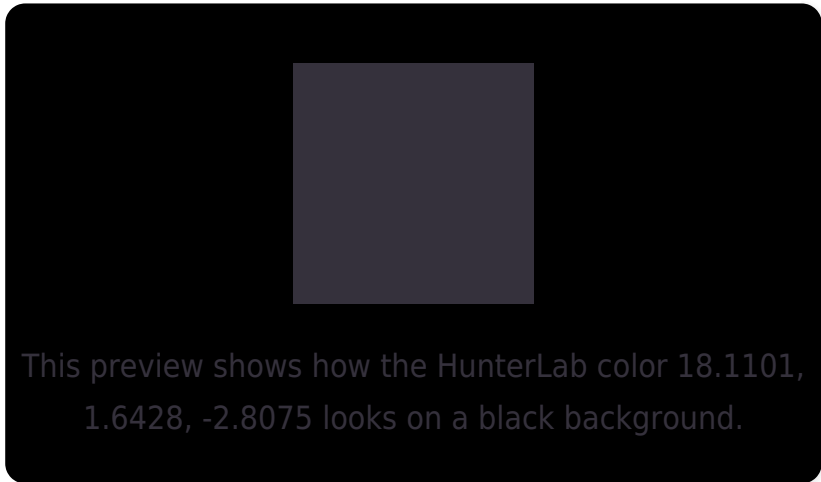
Large Text (above 18pt) WCAG AA ✓ Pass

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

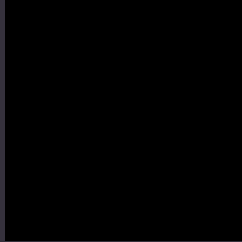
Any Text WCAG AA × Fail

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 18.1101, 1.6428, -2.8075 Background



This preview shows how black text looks on a background with the HunterLab color 18.1101, 1.6428, -2.8075.



This preview shows how white text looks on a background with the HunterLab color 18.1101, 1.6428, -2.8075.

-2.8075.

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

18.1101, 1.6428, -2.8075

Protanopia

18.0862, 0.4202, -3.3209

Deuteranopia

18.1969, 0.7369, -2.7032



Tritanopia

18.1042, 0.0916, -0.2723

Trichromacy



Original Color

18.1101, 1.6428, -2.8075

Protanomaly

18.1555, 0.6557, -3.2187

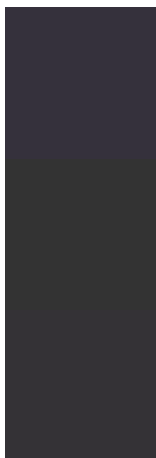
Deuteranomaly

18.2689, 0.9802, -2.5997

Tritanomaly

18.1571, 0.3779, -1.0222

Monochromacy



Original Color

18.1101, 1.6428, -2.8075

Achromatopsia

18.1947, -0.9708, 0.9886

Achromatomaly

18.1042, 0.0916, -0.2723

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.1101, 1.6428, -2.8075 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(53, 49, 60)` looks like.

```
.text, #text, p{  
  color:rgb(53, 49, 60)  
}
```

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(53, 49, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 49, 60) }
```

Border

The CSS property to change the border of an element to HunterLab 18.1101, 1.6428, -2.8075 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(53, 49, 60) }
```


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

```
.border{ border-color:rgb(53, 49, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 49, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 49, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 49, 60);  
box-shadow:4px 4px 4px 4px rgb(53, 49, 60)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 18.1101, 1.6428, -2.8075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 49, 60) }
```

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

```
.background{ background-color: rgb(53, 49,  
60) }
```

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