

Converting Colors

HunterLab(12.0328, 13.6208,
-16.0638)

Have a look what the booklet for
HunterLab(12.0328, 13.6208,
-16.0638) contains.

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Color

**HunterLab(12.0010, 13.6625,
-16.3292)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|--------------------------|
| Hex | 2F1340 |
| RGB | 47, 19, 64 |
| RGB Percent | 18%, 7%, 25% |
| CMY | 0.8157, 0.9255, 0.7490 |
| CMYK | 0.27, 0.70, 0.00, 0.75 |
| HSL | 277°, 54%, 16% |
| HSV | 277°, 70%, 25% |
| XYZ | 2.3306, 1.4402, 5.0056 |
| YIQ | 32.5020, 2.2430, 19.9310 |

Conversions

Conversions Part 2

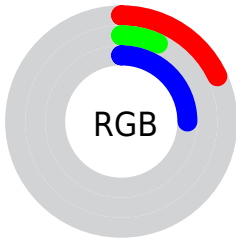
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 47, 19, 64 |
| Decimal | 3085120 |
| CIE _{Lab} | 12.22, 23.61, -22.99 |
| CIE _{LCh} | 12, 32.950, 315.765 |
| Yxy | 1.4403, 0.2656, 0.1641 |
| Android (android.graphics.Color) | 4281275200 (0xFF2F1340) |
| YUV | 32.5020, 15.5285, 12.7147 |
| Hunter-Lab | 12.0010, 13.6625, -16.3292 |

Details

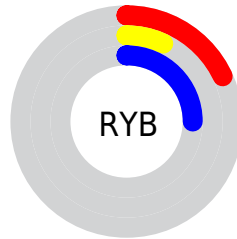
The HunterLab color **12.0010, 13.6625, -16.3292** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **20.2210, -11.7423, 10.4479**, and the grayscale version is **12.1282, -0.6471, 0.6590**.

A 20% lighter version of the original color is **26.7540, 16.0395, -17.2049**, and **2.6873, 4.4054, -12.8688** is the 20% darker color. If you saturate the color by 10%, you get **10.9380, 15.5896, -19.2796**, and if you desaturate by 10%, it is **13.2141, 11.5726, -13.4186**.

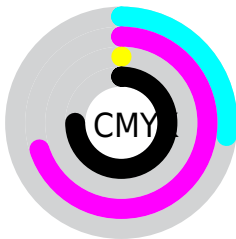
Distribution



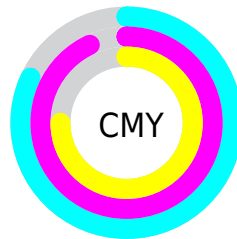
- Red (18%)
- Green (7%)
- Blue (25%)



- Red (18%)
- Yellow (7%)
- Blue (25%)



- Cyan (27%)
- Magenta (70%)
- Yellow (0%)
- Black (75%)



- Cyan (82%)
- Magenta (93%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.0010, 13.6625, -16.3292 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 12.0010, 13.6625, -16.3292 by changing the saturation by 10% instead.

■ 12.0010, 13.6625,
-16.3292

■ 12.0010, 13.6625,
-16.3292

■ 102.8888, 19.9073,
-19.4994

■ 4.9612, 20.4703,
-22.7204

■ 26.8040, 15.8899,
-17.2256

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 35.5598, 16.7786,
-17.7202

0.0000, NaN, NaN

■ 45.1037, 17.5404,
-18.1678

0.0000, NaN, NaN

■ 55.3755, 18.1911,
-18.5561

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 66.3267, 18.7437,
-18.8822

0.0000, NaN, NaN

■ 77.9175, 19.2086,

0.0000, NaN, NaN

-19.1465

90.1145, 19.5941,
-19.3514

12.0010, 13.6625,
-16.3292

12.0010, 13.6625,
-16.3292

10.9380, 15.5896,
-19.2796

13.2141, 11.5726,
-13.4186

10.0025, 17.3716,
-22.2836

14.5541, 9.4149,
-10.6268

9.0429, 19.5795,
-25.8875

16.0018, 7.2460,
-7.9849

17.5410, 5.0961,
-5.4972

19.1584, 2.9791,
-3.1535

■ 20.8434, 0.8990,
-0.9380

■ 22.5876, -1.1451,
1.1664

■ 24.3841, -3.1564,
3.1761

■ 26.2273, -5.1391,
5.1060

Harmonies

Analogous

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



12.0012, 4.1931, -26.5076



12.0010, 13.6625, -16.3292



12.0012, 19.9744, -3.8969

Triad

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



12.0012, 13.6623, -16.3287



12.0012, 3.7042, 8.4009



12.0012, -13.3859, -4.4578

Complementary

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



12.0010, 13.6625, -16.3292



20.2210, -11.7423, 10.4479

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.



12.0012, -13.4686, 3.9202



12.0010, 13.6625, -16.3292



12.0012, -4.8135, 8.4009

Square

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



12.0012, 13.6623, -16.3287



12.0012, 13.2187, 8.4009



12.0012, -10.4441, 8.4009



12.0012, -10.2181, -16.9788

Rectangle

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



12.0010, 13.6625, -16.3292



12.0012, 20.6544, 2.1291



12.0012, -10.4441, 8.4009



12.0012, -13.7754, -1.0377

Sweetspot

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



12.0012, 13.6623, -16.3287



24.8849, 4.3770, -4.6466



13.3626, 1.0939, -13.2685



12.9391, 2.4553, -2.6117



63.7533, -3.4017, 3.4638



15.6573, -0.8354, 0.8507

Same Dimension

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



12.0012, 13.6623, -16.3287



13.5106, 22.1883, -28.2296



13.6709, 16.9464, -9.0772



11.5599, 0.2952, -0.3081



13.5316, 29.5375, -40.5903



33.0859, 72.9920, -105.2188

Inverse Universe

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



12.9736, 13.9726, 0.6111



15.3165, 22.2062, 1.9979



19.6780, -13.8502, 9.2379



11.5992, 0.3317, 0.4961



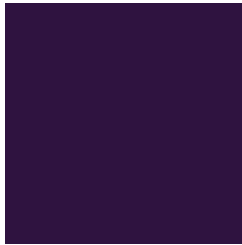
16.3310, 28.7701, 4.3295



40.6983, 71.2997, 13.8752

Previews

White Background



This preview shows how the HunterLab color 12.0010, 13.6625, -16.3292 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 12.0010, 13.6625, -16.3292 Background



This preview shows how black text looks on a background with the HunterLab color 12.0010, 13.6625, -16.3292.



This preview shows how white text looks on a background with the HunterLab color 12.0010, 13.6625, -16.3292.

-16.3292.

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

12.0010, 13.6625, -16.3292

Protanopia

12.0432, 2.0448, -19.4670

Deuteranopia

12.0823, -1.0305, -12.8773



Tritanopia

12.3494, 2.6691, 1.0957

Trichromacy



Original Color

12.0010, 13.6625, -16.3292

Protanomaly

11.4380, 5.5180, -20.3812

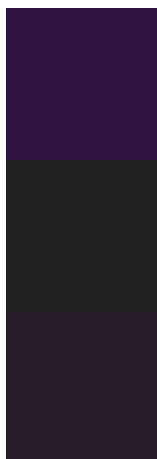
Deuteranomaly

11.5535, 3.1547, -15.4819

Tritanomaly

12.0669, 6.4372, -4.1598

Monochromacy



Original Color

12.0010, 13.6625, -16.3292

Achromatopsia

12.3323, -0.6580, 0.6700

Achromatomaly

11.9349, 4.0787, -4.4119

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.0010, 13.6625, -16.3292 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(47, 19, 64)` looks like.

```
.text, #text, p{  
    color:rgb(47, 19, 64)  
}
```

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(47, 19, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 19, 64) }
```

Border

The CSS property to change the border of an element to HunterLab 12.0010, 13.6625, -16.3292 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(47, 19, 64) }
```


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

```
.border{ border-color:rgb(47, 19, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(47, 19, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 19, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 19, 64);  
box-shadow:4px 4px 4px 4px rgb(47, 19, 64)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 12.0010, 13.6625, -16.3292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 19, 64) }
```

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

```
.background{ background-color: rgb(47, 19,  
64) }
```

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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