

Converting Colors

HunterLab(12.5000, 3.0925,
-11.3633)

Have a look what the booklet for
HunterLab(12.5000, 3.0925,
-11.3633) contains.

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Color

**HunterLab(12.5912, 2.9036,
-11.0399)**

Conversions

Conversions Part 1

Format	Color
Hex	1C203A
RGB	28, 32, 58
RGB Percent	11%, 13%, 23%
CMY	0.8902, 0.8745, 0.7725
CMYK	0.52, 0.45, 0.00, 0.77
HSL	232°, 35%, 17%
HSV	232°, 52%, 23%
XYZ	1.7591, 1.5854, 4.2163
YIQ	33.7680, -10.7300, 7.2380

Conversions

Conversions Part 2

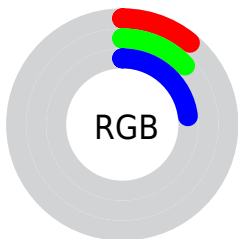
Format	Color
RYB	28, 32, 58
Decimal	1843258
CIELab	13.14, 6.65, -17.42
CIELCh	13, 18.646, 290.896
Yxy	1.5854, 0.2327, 0.2097
Android (android.graphics.Color)	4280033338 (0xFF1C203A)
YUV	33.7680, 11.9464, -5.0585
Hunter-Lab	12.5912, 2.9036, -11.0399

Details

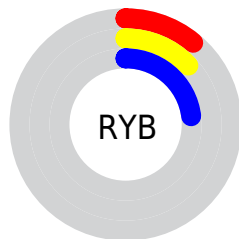
The HunterLab color **12.5912, 2.9036, -11.0399** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **19.0310, -2.5984, 8.2584**, and the grayscale version is **12.5405, -0.6691, 0.6813**.

A 20% lighter version of the original color is **27.6490, 2.9925, -11.5693**, and **2.2531, 2.6721, -8.5845** is the 20% darker color. If you saturate the color by 10%, you get **11.2295, 4.0389, -14.1449**, and if you desaturate by 10%, it is **14.0251, 1.9196, -8.2465**.

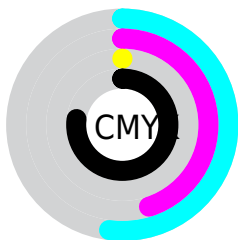
Distribution



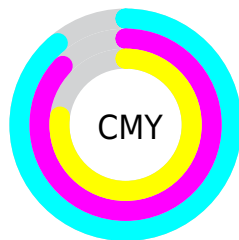
- Red (11%)
- Green (13%)
- Blue (23%)



- Red (11%)
- Yellow (13%)
- Blue (23%)



- Cyan (52%)
- Magenta (45%)
- Yellow (0%)
- Black (77%)



- Cyan (89%)
- Magenta (87%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.5912, 2.9036, -11.0399 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 12.5912, 2.9036, -11.0399 by changing the saturation by 10% instead.

■ 12.5912, 2.9036,
-11.0399

■ 12.5912, 2.9036,
-11.0399

104.0893, 1.3909,
-12.9203

■ 5.8971, 4.5994,
-13.4140

■ 27.5729, 3.0736,
-11.8905

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 36.4040, 3.0169,
-12.2380

0.0000, NaN, NaN

■ 46.0170, 2.8865,
-12.5142

0.0000, NaN, NaN

■ 56.3530, 2.6919,
-12.7202

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 67.3645, 2.4401,
-12.8598

0.0000, NaN, NaN

■ 79.0123, 2.1366,

0.0000, NaN, NaN

-12.9371

91.2633, 1.7857,
-12.9560

12.5912, 2.9036,
-11.0399

12.5912, 2.9036,
-11.0399

11.2295, 4.0389,
-14.1449

14.0251, 1.9196,
-8.2465

9.9550, 5.3549,
-17.6132

15.5191, 1.0588,
-5.7119

8.7885, 6.8751,
-21.4697

17.0647, 0.2978,
-3.3878

7.7256, 8.5228,
-25.8115

18.6551, -0.3825,
-1.2339

6.8800, 9.9520,
-30.0830

20.2853, -0.9974,
0.7823

■ 21.9511, -1.5588,
2.6868

■ 23.6492, -2.0762,
4.5004

■ 25.3769, -2.5572,
6.2398

■ 27.1318, -3.0079,
7.9182

Harmonies

Analogous

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



12.5914, -2.1427, -11.9252



12.5912, 2.9036, -11.0399



12.5914, 7.5932, -6.4631

Triad

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



12.5914, 2.9036, -11.0396



12.5914, 5.9073, 6.1186



12.5914, -8.7567, 2.0349

Complementary

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



12.5912, 2.9036, -11.0399



19.0310, -2.5984, 8.2584

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.



12.5914, -7.2374, 5.2268



12.5912, 2.9036, -11.0399



12.5914, 0.8684, 7.4162

Square

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



12.5914, 2.9036, -11.0396



12.5914, 9.5050, 3.5049



12.5914, -3.8893, 7.0898



12.5914, -8.3848, -2.9887

Rectangle

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



12.5912, 2.9036, -11.0399



12.5914, 9.6371, -2.6508



12.5914, -3.8893, 7.0898



12.5914, -8.4602, 3.3021

Sweetspot

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



12.5914, 2.9036, -11.0396



23.4762, -0.0615, -3.0345



18.8132, -7.7054, 0.4587



12.0955, -0.0098, -1.6396



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.



12.5914, 2.9036, -11.0396



14.1998, 5.8640, -20.0787



12.5196, 6.8303, -11.1232



10.0792, -0.3153, -0.2757



10.1881, 18.2175, -52.0606



24.5371, 53.6022, -146.3810

Inverse Universe

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



13.5440, 8.2041, 2.5072



16.0091, 14.0269, 4.1073



19.2726, -6.9140, 8.3746



10.1304, 0.1628, 0.6553



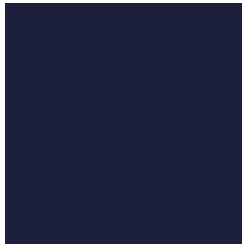
15.1399, 26.1067, 8.3938



38.9827, 66.9897, 23.4024

Previews

White Background



This preview shows how the HunterLab color 12.5912, 2.9036, -11.0399 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

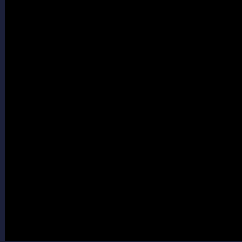
Any Text WCAG AA × Fail

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 12.5912, 2.9036, -11.0399 Background



This preview shows how black text looks on a background with the HunterLab color 12.5912, 2.9036, -11.0399.



This preview shows how white text looks on a background with the HunterLab color 12.5912, 2.9036, -11.0399.

-11.0399.

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

12.5912, 2.9036, -11.0399

Protanopia

12.5461, 1.7210, -11.7927

Deuteranopia

12.4845, 0.1950, -10.6869



Tritanopia

12.5651, -3.1238, -1.3694

Trichromacy



Original Color

12.5912, 2.9036, -11.0399

Protanomaly

12.6399, 2.0282, -11.5844

Deuteranomaly

12.4199, 1.1402, -10.8057

Tritanomaly

12.6234, -1.2925, -4.3843

Monochromacy



Original Color

12.5912, 2.9036, -11.0399

Achromatopsia

12.6476, -0.6748, 0.6872

Achromatomaly

12.5268, 0.5290, -3.0892

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.5912, 2.9036, -11.0399 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(28, 32, 58)` looks like.

```
.text, #text, p{  
    color:rgb(28, 32, 58)  
}
```

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(28, 32, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 32, 58) }
```

Border

The CSS property to change the border of an element to HunterLab 12.5912, 2.9036, -11.0399 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(28, 32, 58) }
```


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

```
.border{ border-color:rgb(28, 32, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(28, 32, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 32, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 32, 58);  
box-shadow:4px 4px 4px 4px rgb(28, 32, 58)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 12.5912, 2.9036, -11.0399 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 32, 58) }
```

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

```
.background{ background-color: rgb(28, 32,  
58) }
```

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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