

Converting Colors

HunterLab(12.6299, 27.3980,
-74.9306)

Have a look what the booklet for
HunterLab(12.6299, 27.3980,
-74.9306) contains.

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Color

**HunterLab(12.6310, 27.4967,
-75.1450)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 000B78 |
| RGB | 0, 11, 120 |
| RGB Percent | 0%, 4%, 47% |
| CMY | 0.9999, 0.9569, 0.5294 |
| CMYK | 1.00, 0.91, 0.00, 0.53 |
| HSL | 235°, 100%, 24% |
| HSV | 235°, 100%, 47% |
| XYZ | 3.5099, 1.5954, 17.8923 |
| YIQ | 20.1370, -41.5450, 31.5670 |

Conversions

Conversions Part 2

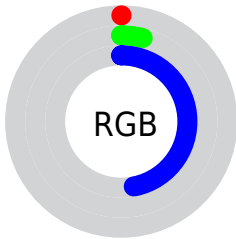
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 0, 10, 120 |
| Decimal | 2936 |
| CIELab | 13.20, 40.63, -59.20 |
| CIELCh | 13, 71.801, 304.465 |
| Yxy | 1.5954, 0.1526, 0.0694 |
| Android (android.graphics.Color) | 4278193016 (0xFF000B78) |
| YUV | 20.1370, 49.2325, -17.6601 |
| Hunter-Lab | 12.6310, 27.4967, -75.1450 |

Details

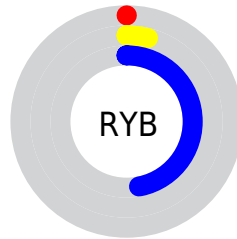
The HunterLab color **12.6310, 27.4967, -75.1450** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **38.6452, -6.5826, 23.6971**, and the grayscale version is **8.2731, -0.4414, 0.4495**.

A 20% lighter version of the original color is **27.6487, 31.2014, -68.2881**, and **6.6498, 18.0375, -47.2495** is the 20% darker color. If you saturate the color by 10%, you get **12.6294, 27.5030, -75.1567**, and if you desaturate by 10%, it is **14.1572, 23.4771, -65.2834**.

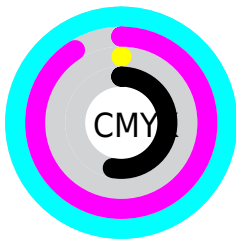
Distribution



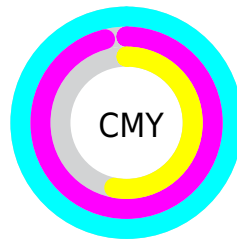
- Red (0%)
- Green (4%)
- Blue (47%)



- Red (0%)
- Yellow (4%)
- Blue (47%)



- Cyan (100%)
- Magenta (91%)
- Yellow (0%)
- Black (53%)



- Cyan (100%)
- Magenta (96%)
- Yellow (53%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.6310, 27.4967, -75.1450 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 12.6310, 27.4967, -75.1450 by changing the saturation by 10% instead.

■ 12.6310, 27.4967,
-75.1450

■ 12.6310, 27.4967,
-75.1450

■ 104.1693, 39.7688,
-70.7851

■ 5.9541, 32.4165,
-102.4224

■ 27.6243, 30.9535,
-67.9431

0.0000, INF, -NF

0.0000, NaN, -NF

■ 36.4603, 32.5566,
-67.3100

0.0000, NaN, -NF

■ 46.0780, 34.0359,
-67.3690

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 56.4182, 35.3938,
-67.7978

0.0000, NaN, NaN


■ 67.4337, 36.6378,
-68.4297


0.0000, NaN, NaN


■ 79.0852, 37.7763,

0.0000, NaN, NaN


-69.1715


 91.3399, 38.8176,
-69.9679


 12.6310, 27.4967,
-75.1450


 12.6310, 27.4967,
-75.1450


 12.6294, 27.5030,
-75.1567

 14.1572, 23.4771,
-65.2834

 16.2082, 19.0522,
-54.6800

 18.7366, 14.9199,
-44.4229

 21.6325, 11.2992,
-35.1746

 24.8113, 8.1919,
-27.0304

■ 28.2125, 5.5231,
-19.8622

■ 31.7931, 3.2063,
-13.4907

■ 35.5225, 1.1658,
-7.7495

■ 39.3781, -0.6589,
-2.5016

Harmonies

Analogous

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



12.6310, 2.3091, -106.9741



12.6310, 27.4967, -75.1450



12.6310, 52.3701, -25.4883

Triad

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



12.6310, 27.4987, -75.1453



12.6310, 19.3389, 8.8417



12.6310, -22.1043, -2.3411

Complementary

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



12.6310, 27.4967, -75.1450



38.6452, -6.5826, 23.6971

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.



12.6310, -22.1043, 8.8417



12.6310, 27.4967, -75.1450



12.6310, -3.4048, 8.8417

Square

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



12.6310, 27.4987, -75.1453



12.6310, 46.0096, 8.8417



12.6310, -16.4902, 8.8417



12.6310, -22.1043, -39.2725

Rectangle

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



12.6310, 27.4967, -75.1450



12.6310, 60.4736, -3.1612



12.6310, -16.4902, 8.8417



12.6310, -22.1043, 3.6107

Sweetspot

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



12.6310, 27.4987, -75.1453



41.8020, 4.4680, -18.4915



38.0997, -22.5243, 1.0037



19.5516, 2.6682, -10.3663



78.7982, -4.2045, 4.2813



27.9800, -1.4929, 1.5202

Same Dimension

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



12.6310, 27.4987, -75.1453



16.4485, 37.6614, -101.8593



14.0890, 33.7468, -65.5059



19.8674, -0.4072, -1.0246



13.1486, 28.8923, -78.8049



27.7016, 67.1898, -179.6681

Inverse Universe

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



20.0439, 34.4421, 12.0178



26.5621, 45.6102, 16.2197



38.4851, -23.7987, 23.2970



20.0511, 0.6250, 1.4392



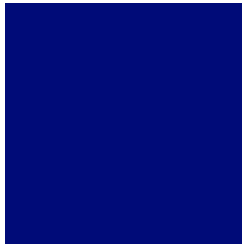
20.9318, 35.9666, 12.5930



45.6529, 78.3184, 28.4423

Previews

White Background



This preview shows how the HunterLab color 12.6310, 27.4967, -75.1450 looks on a white background.

Color Contrast Check

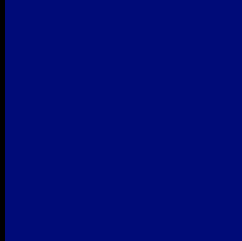
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the HunterLab color 12.6310, 27.4967, -75.1450 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

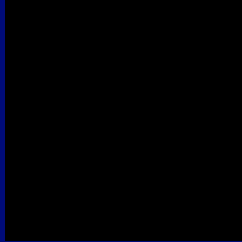
Any Text WCAG AA × Fail

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 12.6310, 27.4967, -75.1450 Background



This preview shows how black text looks on a background with the HunterLab color 12.6310, 27.4967, -75.1450.



This preview shows how white text looks on a background with the HunterLab color 12.6310, 27.4967, -75.1450.

-75.1450.

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

12.6310, 27.4967, -75.1450

Protanopia

13.3032, 2.2250, -21.4310

Deuteranopia

13.2529, -1.3930, -13.5578



Tritanopia

13.2676, -6.6838, -2.1550

Trichromacy



Original Color

12.6310, 27.4967, -75.1450

Protanomaly

12.4064, 11.0964, -39.4610

Deuteranomaly

12.1268, 8.4448, -33.3875

Tritanomaly

11.7621, 3.7219, -22.7362

Monochromacy



Original Color

12.6310, 27.4967, -75.1450

Achromatopsia

8.3639, -0.4463, 0.4544

Achromatomaly

8.7863, 6.5699, -19.7178

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.6310, 27.4967, -75.1450 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(0, 11, 120)` looks like.

```
.text, #text, p{  
    color:rgb(0, 11, 120)  
}
```

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(0, 11, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 11, 120) }
```

Border

The CSS property to change the border of an element to HunterLab 12.6310, 27.4967, -75.1450 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(0, 11, 120) }
```


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

```
.border{ border-color:rgb(0, 11, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 11, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 11, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 11, 120);  
box-shadow:4px 4px 4px 4px rgb(0, 11, 120)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 12.6310, 27.4967, -75.1450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 11, 120) }
```

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

```
.background{ background-color: rgb(0, 11,  
120) }
```

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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