

Converting Colors

HunterLab(10.3576, -13.1809,
-4.0755)

Have a look what the booklet for
HunterLab(10.3576, -13.1809,
-4.0755) contains.

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Color

**HunterLab(12.0694, -6.3986,
-1.2729)**

Conversions

Conversions Part 1

Format	Color
Hex	002525
RGB	0, 37, 37
RGB Percent	0%, 15%, 15%
CMY	1.0000, 0.8549, 0.8549
CMYK	1.00, 0.00, 0.00, 0.85
HSL	180°, 100%, 7%
HSV	180°, 100%, 15%
XYZ	0.9955, 1.4567, 1.9790
YIQ	25.9370, -22.0520, -7.8440

Conversions

Conversions Part 2

Format	Color
RYB	0, 19, 37
Decimal	9509
CIELab	12.33, -12.72, -3.74
CIELCh	12, 13.254, 196.385
Yxy	1.4568, 0.2247, 0.3287
Android (android.graphics.Color)	4278199589 (0xFF002525)
YUV	25.9370, 5.4541, -22.7467
Hunter-Lab	12.0694, -6.3986, -1.2729

Details

The HunterLab color **12.0694, -6.3986, -1.2729** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **6.2719, 10.7394, 4.0522**, and the grayscale version is **10.1334, -0.5407, 0.5506**.

A 20% lighter version of the original color is **26.9223, -9.2387, -1.1522**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **12.0696, -6.3988, -1.2728**, and if you desaturate by 10%, it is **12.1681, -6.0108, -1.1357**.

Distribution



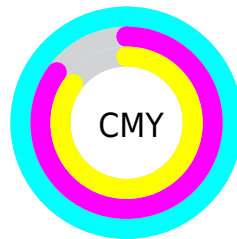
- Red (0%)
- Green (15%)
- Blue (15%)



- Red (0%)
- Yellow (7%)
- Blue (15%)



- Cyan (100%)
- Magenta (0%)
- Yellow (0%)
- Black (85%)



- Cyan (100%)
- Magenta (85%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.0694, -6.3986, -1.2729 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 12.0694, -6.3986, -1.2729 by changing the saturation by 10% instead.

■ 12.0694, -6.3986,
-1.2729

■ 12.0694, -6.3986,
-1.2729

■ 103.0286,
-18.2532, 1.8839

■ 5.0793, -8.8889,
-2.7748

■ 26.8933, -9.2920,
-0.9795

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 35.6579, -10.6271,
-0.7231

0.0000, NaN, NaN

■ 45.2100, -11.9267,
-0.4070

0.0000, NaN, NaN

■ 55.4893, -13.2050,
-0.0379

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 66.4475, -14.4714,
0.3793

0.0000, NaN, NaN

■ 78.0450, -15.7322,

0.0000, NaN, NaN

0.8407

■ 90.2483, -16.9917,
1.3431

■ 12.0694, -6.3986,
-1.2729

■ 12.0694, -6.3986,
-1.2729

■ 12.0696, -6.3988,
-1.2728

■ 12.1681, -6.0108,
-1.1357

■ 12.2659, -5.6295,
-1.0008

■ 12.3636, -5.2514,
-0.8671

■ 12.4766, -4.8188,
-0.7139

■ 12.6105, -4.3115,
-0.5343

■ 12.7657, -3.7307,
-0.3284

■ 12.9425, -3.0783,
-0.0970

■ 13.1409, -2.3575,
0.1589

■ 13.3607, -1.5718,
0.4381

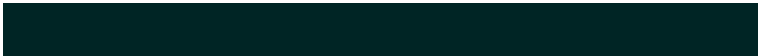
Harmonies

Analogous

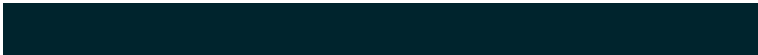
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



12.0696, -6.4655, 2.0567



12.0694, -6.3986, -1.2729



12.0696, -4.9084, -4.8964

Triad

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



12.0696, -6.3986, -1.2727



12.0696, 4.5720, -4.5884



12.0696, 0.9654, 5.5715

Complementary

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



12.0694, -6.3986, -1.2729



6.2719, 10.7394, 4.0522

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.



12.0696, 4.3078, 4.4431



12.0694, -6.3986, -1.2729



12.0696, 6.5434, -0.9335

Square

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



12.0696, -6.3986, -1.2727



12.0696, 1.2944, -7.1499



12.0696, 6.4416, 2.3128



12.0696, -2.4686, 5.5146

Rectangle

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



12.0694, -6.3986, -1.2729



12.0696, -3.2012, -6.7194



12.0696, 6.4416, 2.3128



12.0696, 2.1442, 5.3183

Sweetspot

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



12.0696, -6.3986, -1.2727



16.4520, -4.1058, -0.1879



11.5203, -9.7895, 6.9271



9.4984, -2.3676, -0.1075



56.4399, -3.0115, 3.0665



10.0114, -0.5342, 0.5439

Same Dimension

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



12.0696, -6.3986, -1.2727



15.3884, -8.1583, -1.6228



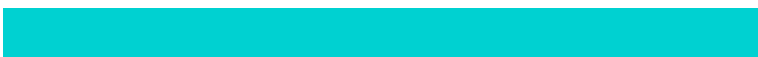
7.7674, -0.5209, -8.5833



7.6268, -0.7873, 0.2869



25.6467, -13.5968, -2.7045



70.8931, -37.5846, -7.4758

Inverse Universe

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



6.2719, 10.7394, 4.0522



7.9961, 13.6936, 5.1668



9.0676, 3.3728, 5.6461



7.3299, 0.0046, 0.5309



13.3265, 22.8221, 8.6112



36.8374, 63.0851, 23.8033

Previews

White Background



This preview shows how the HunterLab color 12.0694, -6.3986, -1.2729 looks on a white background.

Color Contrast Check

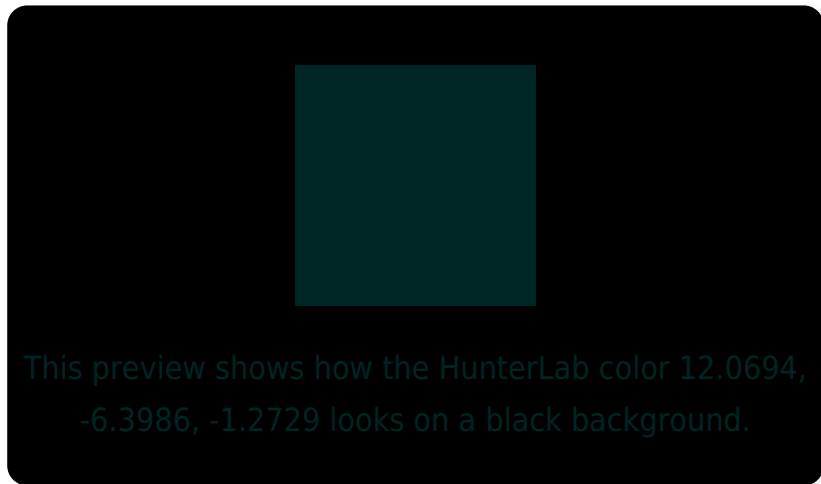
Large Text (above 18pt) WCAG AA ✓ Pass

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

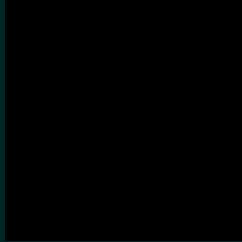
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

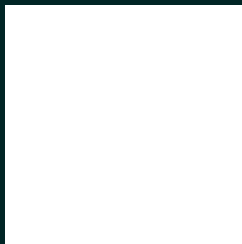
Any Text WCAG AAA × Fail

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

HunterLab 12.0694, -6.3986, -1.2729 Background



This preview shows how black text looks on a background with the HunterLab color 12.0694, -6.3986, -1.2729.



This preview shows how white text looks on a background with the HunterLab color 12.0694, -6.3986, -1.2729.

-1.2729.

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

12.0694, -6.3986, -1.2729

Protanopia

12.3553, -0.5319, 0.3417

Deuteranopia

12.3006, 0.6192, -1.2483



Tritanopia

12.3349, -5.2021, -2.1396

Trichromacy



Original Color

12.0694, -6.3986, -1.2729

Protanomaly

11.9366, -3.1738, -0.5984

Deuteranomaly

12.0605, -2.5648, -1.6279

Tritanomaly

12.2288, -5.6674, -1.8702

Monochromacy



Original Color

12.0694, -6.3986, -1.2729

Achromatopsia

10.1636, -0.5423, 0.5522

Achromatomaly

10.6839, -3.1625, -0.2884

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.0694, -6.3986, -1.2729 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, 37, 37)` looks like.

```
.text, #text, p{  
    color:rgb(0, 37, 37)  
}
```

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, 37, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 37, 37) }
```

Border

The CSS property to change the border of an element to HunterLab 12.0694, -6.3986, -1.2729 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, 37, 37) }
```


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

```
.border{ border-color:rgb(0, 37, 37) }
```

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

Here you see how a box with a 4 pixel rgb(0, 37, 37) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 37, 37); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 37, 37); box-shadow:4px  
4px 4px 4px rgb(0, 37, 37) }
```

Background

The CSS property to change the background color of an element to HunterLab 12.0694, -6.3986, -1.2729 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 37, 37) }
```

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

```
.background{ background-color: rgb(0, 37,  
37) }
```

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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