

Converting Colors

HunterLab(12.6850, -5.9754,
-12.5016)

Have a look what the booklet for
HunterLab(12.6850, -5.9754,
-12.5016) contains.

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Color

**HunterLab(13.5788, -3.0665,
-10.3526)**

Conversions

Conversions Part 1

Format	Color
Hex	00283C
RGB	0, 40, 60
RGB Percent	0%, 16%, 24%
CMY	1.0000, 0.8431, 0.7647
CMYK	1.00, 0.33, 0.00, 0.76
HSL	200°, 100%, 12%
HSV	200°, 100%, 24%
XYZ	1.5744, 1.8438, 4.5479
YIQ	30.3200, -30.2600, -2.2600

Conversions

Conversions Part 2

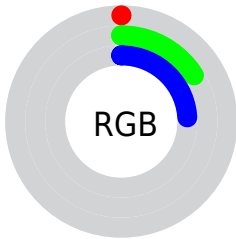
Format	Color
RYB	0, 24, 60
Decimal	10300
CIELab	14.65, -4.64, -16.56
CIELCh	15, 17.192, 254.359
Yxy	1.8439, 0.1976, 0.2315
Android (android.graphics.Color)	4278200380 (0xFF00283C)
YUV	30.3200, 14.6322, -26.5906
Hunter-Lab	13.5788, -3.0665, -10.3526

Details

The HunterLab color **13.5788, -3.0665, -10.3526** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **12.0876, 10.0606, 7.6240**, and the grayscale version is **11.4569, -0.6113, 0.6225**.

A 20% lighter version of the original color is **28.8839, -4.6693, -10.8365**, and **2.4936, 3.6559, -11.0088** is the 20% darker color. If you saturate the color by 10%, you get **13.5786, -3.0662, -10.3531**, and if you desaturate by 10%, it is **14.2161, -3.2970, -9.1273**.

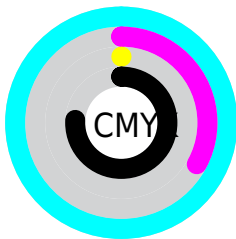
Distribution



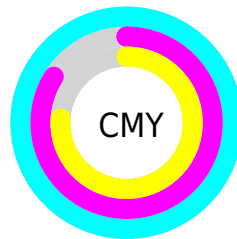
- Red (0%)
- Green (16%)
- Blue (24%)



- Red (0%)
- Yellow (9%)
- Blue (24%)



- Cyan (100%)
- Magenta (33%)
- Yellow (0%)
- Black (76%)



- Cyan (100%)
- Magenta (84%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 13.5788, -3.0665, -10.3526 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 13.5788, -3.0665, -10.3526 by changing the saturation by 10% instead.

■ 13.5788, -3.0665,
-10.3526

■ 13.5788, -3.0665,
-10.3526

■ 106.0672,
-10.4343, -11.9115

■ 7.1716, -3.1993,
-10.9401

■ 28.8488, -4.5928,
-11.1578

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 37.8019, -5.3705,
-11.4661

0.0000, NaN, NaN

■ 47.5272, -6.1648,
-11.7013

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 57.9676, -6.9780,
-11.8664

0.0000, NaN, NaN

■ 69.0771, -7.8111,
-11.9657

0.0000, NaN, NaN

■ 80.8177, -8.6647,

0.0000, NaN, NaN

-12.0036

■ 93.1569, -9.5391,
-11.9843

■ 13.5788, -3.0665,
-10.3526

■ 13.5788, -3.0665,
-10.3526

■ 13.5786, -3.0662,
-10.3531

■ 14.2161, -3.2970,
-9.1273

■ 14.8521, -3.5407,
-7.9761

■ 15.5208, -3.6749,
-6.8312

■ 16.2311, -3.6668,
-5.6788

■ 16.9812, -3.5243,
-4.5242

■ 17.7693, -3.2568,
-3.3719

■ 18.5931, -2.8742,
-2.2256

■ 19.4504, -2.3866,
-1.0879

■ 20.3393, -1.8034,
0.0396

Harmonies

Analogous

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



13.5790, -6.5767, -6.7076



13.5788, -3.0665, -10.3526



13.5790, 1.5783, -10.4379

Triad

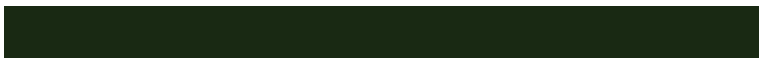
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



13.5790, -3.0663, -10.3523



13.5790, 9.1338, 2.6946



13.5790, -6.4594, 5.5493

Complementary

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



13.5788, -3.0665, -10.3526



12.0876, 10.0606, 7.6240

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.



13.5790, -2.8848, 6.8812



13.5788, -3.0665, -10.3526



13.5790, 6.3230, 5.4662

Square

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



13.5790, -3.0663, -10.3523



13.5790, 9.0678, -1.7761



13.5790, 1.7860, 6.8508



13.5790, -8.3471, 2.8497

Rectangle

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



13.5788, -3.0665, -10.3526



13.5790, 4.7334, -8.3919



13.5790, 1.7860, 6.8508



13.5790, -5.4382, 6.1294

Sweetspot

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



13.5790, -3.0663, -10.3523



24.3143, -3.8647, -3.1463



18.1171, -14.5397, 8.7429



12.7896, -2.0944, -1.7963



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.



13.5790, -3.0663, -10.3523



17.5616, -3.5686, -14.2470



7.3717, 9.4793, -29.6753



11.1566, -0.9295, 0.1153



20.8765, -3.9740, -17.5151



51.3940, -7.4918, -48.0655

Inverse Universe

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



10.5544, 19.5244, -4.4321



13.8517, 25.5571, -5.2792



18.0054, -1.7273, 11.0643



10.8885, 0.3966, 0.1802



16.6011, 30.5849, -5.9772



42.0009, 77.0106, -12.2605

Previews

White Background



This preview shows how the HunterLab color 13.5788, -3.0665, -10.3526 looks on a white background.

Color Contrast Check

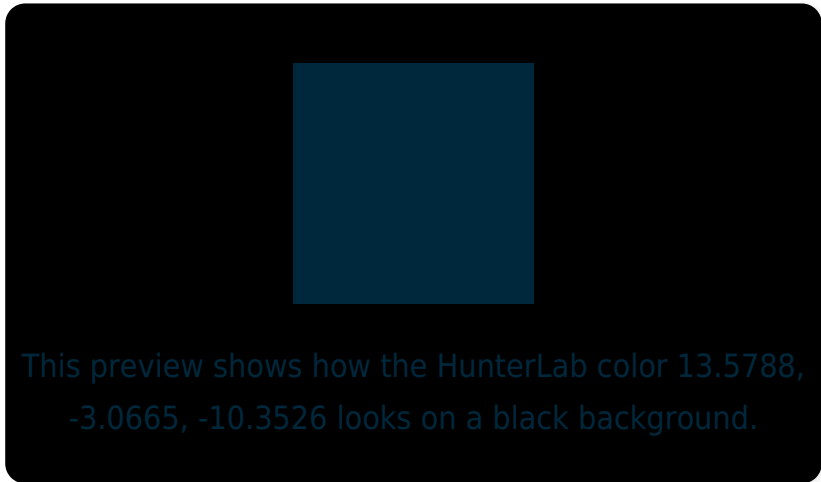
Large Text (above 18pt) WCAG AA ✓ Pass

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

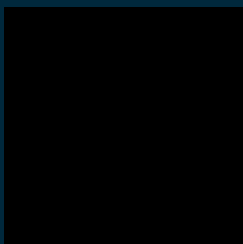
Any Text WCAG AA × Fail

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 13.5788, -3.0665, -10.3526 Background



This preview shows how black text looks on a background with the HunterLab color 13.5788, -3.0665, -10.3526.



This preview shows how white text looks on a background with the HunterLab color 13.5788, -3.0665, -10.3526.

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

13.5788, -3.0665, -10.3526

Protanopia

13.8197, 1.1981, -8.0704

Deuteranopia

13.8918, 0.5697, -10.2726



Tritanopia

13.5845, -6.6697, -2.5815

Trichromacy



Original Color

13.5788, -3.0665, -10.3526

Protanomaly

13.5663, -0.7766, -9.1488

Deuteranomaly

13.7772, -1.0286, -10.5279

Tritanomaly

13.4765, -5.4556, -5.0673

Monochromacy



Original Color

13.5788, -3.0665, -10.3526

Achromatopsia

11.3943, -0.6080, 0.6191

Achromatomaly

12.0108, -2.5783, -2.9998

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 13.5788, -3.0665, -10.3526 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, 40, 60)` looks like.

```
.text, #text, p{  
    color:rgb(0, 40, 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(0, 40, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 40, 60) }
```

Border

The CSS property to change the border of an element to HunterLab 13.5788, -3.0665, -10.3526 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, 40, 60) }
```


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

```
.border{ border-color:rgb(0, 40, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 40, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 40, 60); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 40, 60); box-shadow:4px  
4px 4px 4px rgb(0, 40, 60) }
```

Background

The CSS property to change the background color of an element to HunterLab 13.5788, -3.0665, -10.3526 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 40, 60) }
```

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

```
.background{ background-color: rgb(0, 40,  
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](#).

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