

Converting Colors

HunterLab(13.6150, 0.3890,
-17.8574)

Have a look what the booklet for
HunterLab(13.6150, 0.3890,
-17.8574) contains.

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Color

**HunterLab(13.5689, 0.3340,
-17.6809)**

Conversions

Conversions Part 1	
Format	Color
Hex	002647
RGB	0, 38, 71
RGB Percent	0%, 15%, 28%
CMY	1.0000, 0.8510, 0.7216
CMYK	1.00, 0.46, 0.00, 0.72
HSL	208°, 100%, 14%
HSV	208°, 100%, 28%
XYZ	1.8304, 1.8412, 6.2201
YIQ	30.4000, -33.2410, 2.2070

Conversions

Conversions Part 2

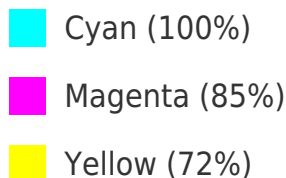
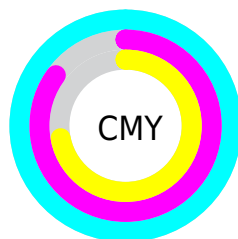
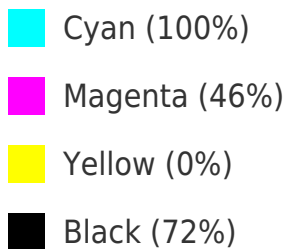
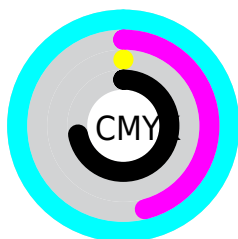
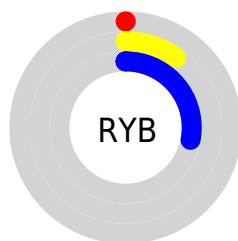
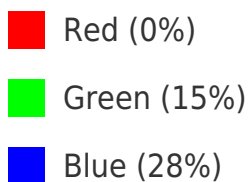
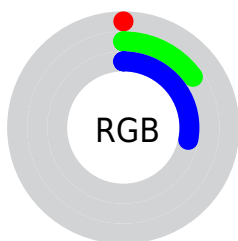
Format	Color
RYB	0, 25, 71
Decimal	9799
CIELab	14.63, 1.99, -24.22
CIELCh	15, 24.297, 274.708
Yxy	1.8412, 0.1851, 0.1861
Android (android.graphics.Color)	4278199879 (0xFF002647)
YUV	30.4000, 20.0158, -26.6608
Hunter-Lab	13.5689, 0.3340, -17.6809

Details

The HunterLab color **13.5689, 0.3340, -17.6809** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **15.5808, 8.7363, 9.7532**, and the grayscale version is **11.4663, -0.6118, 0.6230**.

A 20% lighter version of the original color is **28.7411, -0.0232, -18.9465**, and **3.1755, 6.1731, -17.2952** is the 20% darker color. If you saturate the color by 10%, you get **13.5684, 0.3349, -17.6823**, and if you desaturate by 10%, it is **14.5173, -0.4495, -15.4087**.

Distribution



Brightness & Saturation Gradients

These gradients show how the HunterLab color 13.5689, 0.3340, -17.6809 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 13.5689, 0.3340, -17.6809 by changing the saturation by 10% instead.

13.5689, 0.3340,
-17.6809

13.5689, 0.3340,
-17.6809

106.0475, -3.5859,
-21.0322

7.1600, 0.8313,
-19.0721

28.8360, -0.1866,
-18.6170

0.0000, NaN, -NF

0.0000, NaN, NaN

37.7879, -0.5393,
-19.1262

0.0000, NaN, NaN

47.5121, -0.9431,
-19.5910

0.0000, NaN, NaN

0.0000, NaN, NaN

57.9515, -1.3929,
-19.9986

0.0000, NaN, NaN


69.0601, -1.8849,
-20.3457

0.0000, NaN, NaN

80.7997, -2.4160,

0.0000, NaN, NaN


-20.6324


 93.1381, -2.9837,
-20.8604


 13.5689, 0.3340,
-17.6809


 13.5689, 0.3340,
-17.6809


 13.5684, 0.3349,
-17.6823

 14.5173, -0.4495,
-15.4087

 15.4803, -1.2055,
-13.3141

 16.5031, -1.7751,
-11.2787

 17.5864, -2.1535,
-9.2985

 18.7254, -2.3573,
-7.3779

■ 19.9152, -2.4040,
-5.5178

■ 21.1517, -2.3106,
-3.7168

■ 22.4307, -2.0928,
-1.9720

■ 23.7488, -1.7647,
-0.2795

Harmonies

Analogous

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



13.5691, -5.7390, -15.3707



13.5689, 0.3340, -17.6809



13.5691, 7.2970, -13.4335

Triad

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



13.5691, 0.3343, -17.6806



13.5691, 11.3839, 6.0187



13.5691, -10.4102, 4.9552

Complementary

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



13.5689, 0.3340, -17.6809



15.5808, 8.7363, 9.7532

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.



13.5691, -7.2298, 7.8941



13.5689, 0.3340, -17.6809



13.5691, 5.1434, 8.5033

Square

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



13.5691, 0.3343, -17.6806



13.5691, 14.4074, 1.6940



13.5691, -1.7523, 9.1898



13.5691, -11.2104, -0.2917

Rectangle

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



13.5689, 0.3340, -17.6809



13.5691, 11.2855, -8.2678



13.5691, -1.7523, 9.1898



13.5691, -9.6185, 6.0806

Sweetspot

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



13.5691, 0.3343, -17.6806



27.3125, -3.0275, -5.1036



21.4722, -16.6824, 9.1751



13.6510, -1.5461, -2.7970



64.8100, -3.4581, 3.5212



16.4960, -0.8802, 0.8963

Same Dimension

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



13.5691, 0.3343, -17.6806



17.2531, 1.1220, -23.9869



7.2948, 16.0100, -43.6764



12.5741, -0.8988, -0.0249



18.6444, 1.4271, -26.3846



43.9658, 7.3106, -70.7349

Inverse Universe

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



12.1641, 21.9795, -1.0577



15.7730, 28.4245, -0.7596



23.2544, -5.1355, 14.2390



12.3510, 0.4468, 0.3388



17.1382, 30.8615, -0.6450



42.0886, 75.3847, 1.5640

Previews

White Background



This preview shows how the HunterLab color 13.5689, 0.3340, -17.6809 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 13.5689, 0.3340, -17.6809 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

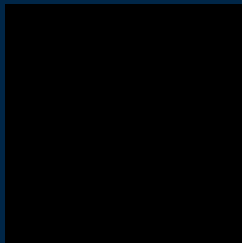
Any Text WCAG AA × Fail

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 13.5689, 0.3340, -17.6809 Background



This preview shows how black text looks on a background with the HunterLab color 13.5689, 0.3340, -17.6809.



This preview shows how white text looks on a background with the HunterLab color 13.5689, 0.3340, -17.6809.

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

13.5689, 0.3340, -17.6809

Protanopia

13.8736, 2.4355, -16.1712

Deuteranopia

13.6689, -0.8208, -15.3132



Tritanopia

13.5845, -6.6697, -2.5815

Trichromacy



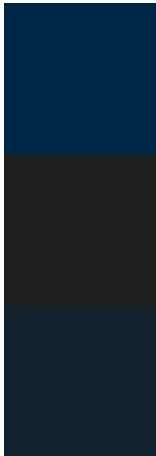
Original Color
13.5689, 0.3340, -17.6809

Protanomaly
13.6048, 1.5539, -16.8416

Deuteranomaly
13.7139, -0.5745, -15.9011

Tritanomaly
13.6096, -4.6837, -6.9000

Monochromacy



Original Color
13.5689, 0.3340, -17.6809

Achromatopsia
11.3943, -0.6080, 0.6191

Achromatomaly
11.8980, -1.5272, -5.0666

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 13.5689, 0.3340, -17.6809 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, 38, 71)` looks like.

```
.text, #text, p{  
    color:rgb(0, 38, 71)  
}
```

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, 38, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 38, 71) }
```

Border

The CSS property to change the border of an element to HunterLab 13.5689, 0.3340, -17.6809 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, 38, 71) }
```


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

```
.border{ border-color:rgb(0, 38, 71) }
```

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

Here you see how a box with a 4 pixel rgb(0, 38, 71) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 38, 71); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 38, 71); box-shadow:4px  
4px 4px 4px rgb(0, 38, 71) }
```

Background

The CSS property to change the background color of an element to HunterLab 13.5689, 0.3340, -17.6809 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 38, 71) }
```

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

```
.background{ background-color: rgb(0, 38,  
71) }
```

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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