

Converting Colors

HunterLab(17.1268, 5.7263,
-33.7684)

Have a look what the booklet for
HunterLab(17.1268, 5.7263,
-33.7684) contains.

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Color

**HunterLab(17.1268, 5.7263,
-33.7684)**

Conversions

Conversions Part 1	
Format	Color
Hex	002E67
RGB	0, 46, 103
RGB Percent	0%, 18%, 40%
CMY	1.0000, 0.8196, 0.5961
CMYK	1.00, 0.55, 0.00, 0.60
HSL	213°, 100%, 20%
HSV	213°, 100%, 40%
XYZ	3.4252, 2.9333, 13.2176
YIQ	38.7440, -45.7130, 7.9750

Conversions

Conversions Part 2

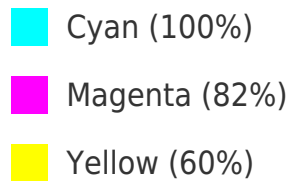
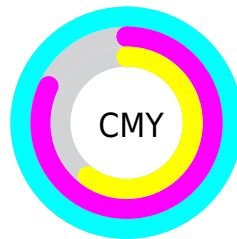
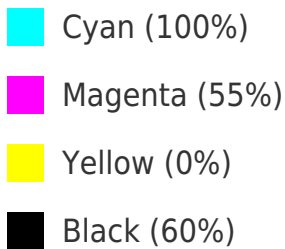
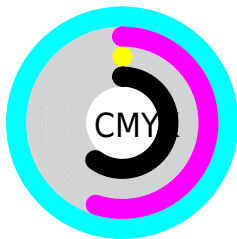
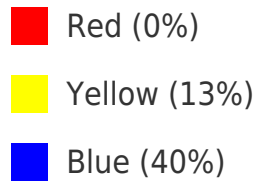
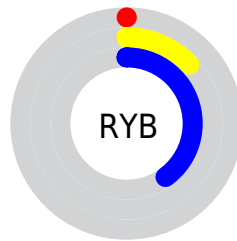
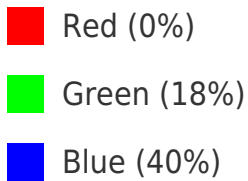
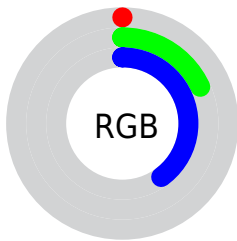
Format	Color
RYB	0, 32, 103
Decimal	11879
CIELab	19.77, 10.95, -37.35
CIELCh	20, 38.921, 286.344
Yxy	2.9333, 0.1750, 0.1498
Android (android.graphics.Color)	4278201959 (0xFF002E67)
YUV	38.7440, 31.6782, -33.9785
Hunter-Lab	17.1268, 5.7263, -33.7684

Details

The HunterLab color **17.1268, 5.7263, -33.7684** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **24.1059, 10.0727, 15.0295**, and the grayscale version is **14.0742, -0.7510, 0.7647**.

A 20% lighter version of the original color is **33.3376, 6.5093, -34.4947**, and **5.2520, 14.2461, -37.3177** is the 20% darker color. If you saturate the color by 10%, you get **17.1255, 5.7291, -33.7728**, and if you desaturate by 10%, it is **18.6418, 3.6857, -29.2607**.

Distribution



Brightness & Saturation Gradients

These gradients show how the HunterLab color 17.1268, 5.7263, -33.7684 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 17.1268, 5.7263, -33.7684 by changing the saturation by 10% instead.

17.1268, 5.7263,
-33.7684

17.1268, 5.7263,
-33.7684

112.9027, 5.8152,
-38.3716

10.4739, 5.2312,
-34.8188

33.3405, 6.3077,
-34.2637

0.0000, INF, -NF

0.0000, NaN, -NF

42.6976, 6.4434,
-34.8626

0.0000, NaN, -NF

52.7961, 6.4967,
-35.5088

0.0000, NaN, NaN

0.0000, NaN, NaN

63.5849, 6.4779,
-36.1533

0.0000, NaN, NaN


75.0224, 6.3948,
-36.7715

0.0000, NaN, NaN

87.0738, 6.2535,

0.0000, NaN, NaN

-37.3509


 99.7091, 6.0590,
-37.8852

 17.1268, 5.7263,
-33.7684


 17.1268, 5.7263,
-33.7684

 17.1255, 5.7291,
-33.7728

 18.6418, 3.6857,
-29.2607

 20.2499, 1.8700,
-25.0606

 21.9898, 0.4306,
-21.0409

 23.8475, -0.6620,
-17.2201

 25.8098, -1.4454,
-13.5991

■ 27.8649, -1.9583,
-10.1677

■ 30.0026, -2.2368,
-6.9099

■ 32.2143, -2.3129,
-3.8074

■ 34.4925, -2.2144,
-0.8419

Harmonies

Analogous

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



17.1270, -5.8060, -34.4261



17.1268, 5.7263, -33.7684



17.1270, 18.0878, -20.7241

Triad

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



17.1270, 5.7270, -33.7680



17.1270, 17.0743, 10.5523



17.1270, -17.4800, 5.1741

Complementary

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



17.1268, 5.7263, -33.7684



24.1059, 10.0727, 15.0295

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.



17.1270, -14.1035, 10.2399



17.1268, 5.7263, -33.7684



17.1270, 4.5955, 11.9889

Square

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



17.1270, 5.7270, -33.7680



17.1270, 25.7250, 5.8382



17.1270, -6.6770, 11.9889



17.1270, -17.3272, -6.0653

Rectangle

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



17.1268, 5.7263, -33.7684



17.1270, 24.2572, -9.7716



17.1270, -6.6770, 11.9889



17.1270, -16.7681, 7.3836

Sweetspot

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



17.1270, 5.7270, -33.7680



39.8886, -2.9715, -9.6258



31.6111, -23.8085, 11.8859



19.2604, -1.4221, -5.4134



74.4461, -3.9723, 4.0448



24.3420, -1.2988, 1.3225

Same Dimension

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



17.1270, 5.7270, -33.7680



22.4100, 8.7174, -46.8289



10.0638, 26.9592, -68.9255



17.1639, -1.0841, -0.2616



19.0285, 6.7982, -38.4592



41.4584, 19.7826, -94.5243

Inverse Universe

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



17.5530, 31.1804, 2.6311



23.4378, 41.5458, 4.2320



35.0556, -11.0838, 21.4066



16.9259, 0.7046, 0.5794



19.6699, 34.9113, 3.2070



44.7303, 79.0308, 10.0758

Previews

White Background



This preview shows how the HunterLab color 17.1268, 5.7263, -33.7684 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 17.1268, 5.7263, -33.7684 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

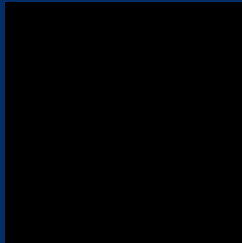
Any Text WCAG AA × Fail

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 17.1268, 5.7263, -33.7684 Background



This preview shows how black text looks on a background with the HunterLab color 17.1268, 5.7263, -33.7684.



This preview shows how white text looks on a background with the HunterLab color 17.1268, 5.7263, -33.7684.

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

17.1268, 5.7263, -33.7684

Protanopia

17.1847, 4.3786, -30.9315

Deuteranopia

17.1846, -0.7777, -19.8004



Tritanopia

17.1282, -8.5303, -2.9943

Trichromacy



Original Color

17.1268, 5.7263, -33.7684

Protanomaly

17.2413, 4.6708, -31.6330

Deuteranomaly

17.2318, 1.2324, -24.1985

Tritanomaly

16.9176, -4.0737, -12.3517

Monochromacy



Original Color

17.1268, 5.7263, -33.7684

Achromatopsia

14.2438, -0.7600, 0.7739

Achromatomaly

14.8674, -0.8247, -9.0278

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 17.1268, 5.7263, -33.7684 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, 46, 103)` looks like.

```
.text, #text, p{  
    color:rgb(0, 46, 103)  
}
```

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, 46, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 46, 103) }
```

Border

The CSS property to change the border of an element to HunterLab 17.1268, 5.7263, -33.7684 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, 46, 103) }
```


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

```
.border{ border-color:rgb(0, 46, 103) }
```

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

Here you see how a box with a 4 pixel rgb(0, 46, 103) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 46, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 46, 103);  
box-shadow:4px 4px 4px 4px rgb(0, 46, 103)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 17.1268, 5.7263, -33.7684 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 46, 103) }
```

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

```
.background{ background-color: rgb(0, 46,  
103) }
```

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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