

Converting Colors

HunterLab(42.3795, -17.0268,
-6.9291)

Have a look what the booklet for
HunterLab(42.3795, -17.0268,
-6.9291) contains.

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Color

**HunterLab(42.3317,
-17.0355, -6.8373)**

Conversions

Conversions Part 1

Format	Color
Hex	338088
RGB	51, 128, 136
RGB Percent	20%, 50%, 53%
CMY	0.8000, 0.4980, 0.4667
CMYK	0.62, 0.06, 0.00, 0.47
HSL	186°, 45%, 37%
HSV	186°, 62%, 53%
XYZ	13.5284, 17.9197, 26.0384
YIQ	105.8890, -48.4600, -13.8360

Conversions

Conversions Part 2

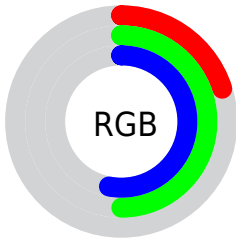
Format	Color
RYB	51, 91, 136
Decimal	3375240
CIELab	49.40, -20.83, -11.38
CIELCh	49, 23.739, 208.656
Yxy	17.9204, 0.2353, 0.3117
Android (android.graphics.Color)	4281565320 (0xFF338088)
YUV	105.8890, 14.8447, -48.1377
Hunter-Lab	42.3317, -17.0355, -6.8373

Details

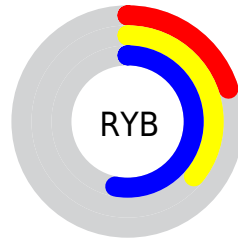
The HunterLab color **42.3317, -17.0355, -6.8373** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **29.3286, 23.6284, 12.1532**, and the grayscale version is **37.8818, -2.0213, 2.0582**.

A 20% lighter version of the original color is **63.1250, -20.6247, -6.6830**, and **24.7400, -11.5192, -6.0563** is the 20% darker color. If you saturate the color by 10%, you get **41.5759, -17.9098, -7.9119**, and if you desaturate by 10%, it is **43.2005, -15.7491, -5.6237**.

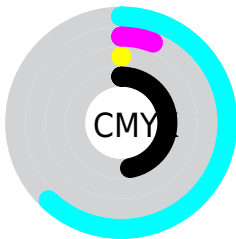
Distribution



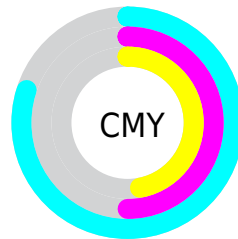
- Red (20%)
- Green (50%)
- Blue (53%)



- Red (20%)
- Yellow (36%)
- Blue (53%)



- Cyan (62%)
- Magenta (6%)
- Yellow (0%)
- Black (47%)



- Cyan (80%)
- Magenta (50%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 42.3317, -17.0355, -6.8373 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 42.3317, -17.0355, -6.8373 by changing the saturation by 10% instead.

42.3317, -17.0355,
-6.8373

42.3317, -17.0355,
-6.8373

155.0555,
-32.0701, -4.8688

33.0043, -15.1760,
-6.7656

63.1678, -20.5583,
-6.7702

24.4843, -13.2117,
-6.6152

74.5816, -22.2562,
-6.6451

16.8580, -11.0882,
-6.3785

86.6105, -23.9266,
-6.4654

10.2459, -9.5591,
-6.0577

99.2244, -25.5767,
-6.2351

0.0000, NaN, -NF

0.0000, NaN, NaN

112.3974,
-27.2123, -5.9575

0.0000, NaN, NaN

126.1067,

0.0000, NaN, NaN

-28.8375, -5.6356

0.0000, NaN, NaN

140.3321,
-30.4559, -5.2720

■ 42.3317, -17.0355,
-6.8373

■ 42.3317, -17.0355,
-6.8373

■ 41.5759, -17.9098,
-7.9119

■ 43.2005, -15.7491,
-5.6237

■ 40.9254, -18.3827,
-8.8490

■ 44.1827, -14.0516,
-4.2782

■ 40.3726, -18.4817,
-9.6533

■ 45.2797, -11.9547,
-2.8083

■ 39.9921, -18.4251,
-10.2122

■ 46.4906, -9.4775,
-1.2243

■ 47.8135, -6.6448,
0.4623

■ 49.2450, -3.4843,
2.2394

■ 50.7816, -0.0258,
4.0953

■ 52.4188, 3.7010,
6.0189

■ 54.1522, 7.6671,
7.9997

Harmonies

Analogous

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



42.3325, -18.9164, 2.7072



42.3317, -17.0355, -6.8373



42.3325, -11.2921, -15.2466

Triad

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



42.3325, -17.0356, -6.8367



42.3325, 14.3768, -7.6935



42.3325, -1.8345, 16.1829

Complementary

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



42.3317, -17.0355, -6.8373



29.3286, 23.6284, 12.1532

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.



42.3325, 7.5970, 14.5540



42.3317, -17.0355, -6.8373



42.3325, 17.4486, 1.8973

Square

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



42.3325, -17.0356, -6.8367



42.3325, 6.7962, -15.8127



42.3325, 14.8668, 9.7739



42.3325, -10.6155, 14.8248

Rectangle

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



42.3317, -17.0355, -6.8373



42.3325, -5.7714, -18.3526



42.3325, 14.8668, 9.7739



42.3325, 1.3676, 15.9746

Sweetspot

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



42.3325, -17.0356, -6.8367



62.2426, -11.4701, -0.9483



43.1496, -30.2733, 20.5422



29.7466, -5.9574, -0.7223



83.1908, -4.4389, 4.5199



31.6988, -1.6914, 1.7223

Same Dimension

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



42.3325, -17.0356, -6.8367



54.8190, -24.0976, -11.0388



30.3386, 0.8650, -26.8110



23.6845, -2.7603, 0.5127



38.9160, -17.9366, -9.9216



3.3387, -1.6679, -0.5726

Inverse Universe

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



30.2670, 36.8749, -20.7102



36.9975, 58.0514, -32.1154



38.3412, 4.4342, 18.8593



22.6296, 1.5249, -0.4424



25.1258, 48.4374, -25.6914



2.0745, 4.0407, -2.4427

Previews

White Background



This preview shows how the HunterLab color 42.3317, -17.0355, -6.8373 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 × Fail

Black Background



This preview shows how the HunterLab color 42.3317, -17.0355, -6.8373 looks on a black 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 × Fail

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

HunterLab 42.3317, -17.0355, -6.8373 Background



This preview shows how black text looks on a background with the HunterLab color 42.3317, -17.0355, -6.8373.



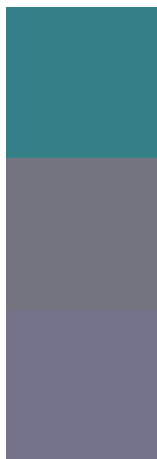
This preview shows how white text looks on a background with the HunterLab color 42.3317,

-17.0355, -6.8373.

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

42.3317, -17.0355, -6.8373

Protanopia

42.0644, -0.5741, -2.8752

Deuteranopia

42.0483, 2.8854, -8.4814



Tritanopia

42.4304, -16.5229, -7.7427

Trichromacy



Original Color

42.3317, -17.0355, -6.8373

Protanomaly

41.6497, -7.6285, -5.0365

Deuteranomaly

41.6603, -5.6429, -8.6479

Tritanomaly

42.3964, -16.7207, -7.2657

Monochromacy



Original Color

42.3317, -17.0355, -6.8373

Achromatopsia

37.9643, -2.0257, 2.0627

Achromatomaly

39.1119, -8.8151, -1.5659

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 42.3317, -17.0355, -6.8373 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(51, 128, 136)` looks like.

```
.text, #text, p{  
    color:rgb(51, 128, 136)  
}
```

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(51, 128, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 128, 136) }
```

Border

The CSS property to change the border of an element to HunterLab 42.3317, -17.0355, -6.8373 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(51, 128, 136) }
```


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

```
.border{ border-color:rgb(51, 128, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 128, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 128, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 128, 136);  
box-shadow:4px 4px 4px 4px rgb(51, 128,  
136) }
```

Background

The CSS property to change the background color of an element to HunterLab 42.3317, -17.0355, -6.8373 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 128, 136) }
```

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

```
.background{ background-color: rgb(51, 128,  
136) }
```

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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