

Converting Colors

HunterLab(16.2757, 4.7347,
-38.7865)

Have a look what the booklet for
HunterLab(16.2757, 4.7347,
-38.7865) contains.

HunterLab(17.0197, 6.7992, -35.9507)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(17.0197, 6.7992,
-35.9507)**

Conversions

Conversions Part 1

Format	Color
Hex	002D69
RGB	0, 45, 105
RGB Percent	0%, 18%, 41%
CMY	1.0000, 0.8235, 0.5882
CMYK	1.00, 0.57, 0.00, 0.59
HSL	214°, 100%, 21%
HSV	214°, 100%, 41%
XYZ	3.4882, 2.8967, 13.7399
YIQ	38.3850, -46.0800, 9.1200

Conversions

Conversions Part 2

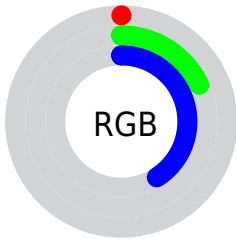
Format	Color
RYB	0, 31, 105
Decimal	11625
CIELab	19.63, 12.60, -38.89
CIELCh	20, 40.884, 287.954
Yxy	2.8968, 0.1733, 0.1439
Android (android.graphics.Color)	4278201705 (0xFF002D69)
YUV	38.3850, 32.8412, -33.6636
Hunter-Lab	17.0197, 6.7992, -35.9507

Details

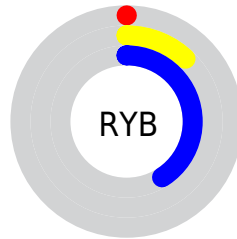
The HunterLab color **17.0197, 6.7992, -35.9507** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **24.9723, 9.4949, 15.5533**, and the grayscale version is **13.9552, -0.7446, 0.7582**.

A 20% lighter version of the original color is **33.1841, 7.5322, -36.4128**, and **5.4351, 14.7428, -38.6190** is the 20% darker color. If you saturate the color by 10%, you get **17.0183, 6.8022, -35.9554**, and if you desaturate by 10%, it is **18.5890, 4.5858, -31.0924**.

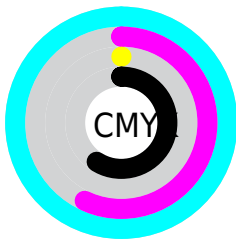
Distribution



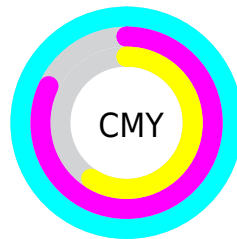
- Red (0%)
- Green (18%)
- Blue (41%)



- Red (0%)
- Yellow (12%)
- Blue (41%)



- Cyan (100%)
- Magenta (57%)
- Yellow (0%)
- Black (59%)



- Cyan (100%)
- Magenta (82%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 17.0197, 6.7992, -35.9507 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 17.0197, 6.7992, -35.9507 by changing the saturation by 10% instead.

■ 17.0197, 6.7992,
-35.9507

■ 17.0197, 6.7992,
-35.9507

■ 112.7017, 7.6442,
-40.5178

■ 10.3831, 6.1893,
-37.2912

■ 33.2067, 7.5853,
-36.2787

0.0000, INF, -NF

0.0000, NaN, -NF

■ 42.5523, 7.8128,
-36.8644

0.0000, NaN, -NF

■ 52.6401, 7.9525,
-37.5166

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 63.4189, 8.0154,
-38.1787

0.0000, NaN, NaN

■ 74.8470, 8.0100,
-38.8216

0.0000, NaN, NaN

■ 86.8895, 7.9429,

0.0000, NaN, NaN

-39.4303

■ 99.5163, 7.8195,
-39.9971

■ 17.0197, 6.7992,
-35.9507

■ 17.0197, 6.7992,
-35.9507

■ 17.0183, 6.8022,
-35.9554

■ 18.5890, 4.5858,
-31.0924

■ 20.2629, 2.6176,
-26.5739

■ 22.0782, 1.0441,
-22.2676

■ 24.0187, -0.1669,
-18.1935

■ 26.0696, -1.0560,
-14.3499

■ 28.2179, -1.6651,
-10.7227

■ 30.4525, -2.0329,
-7.2915

■ 32.7641, -2.1934,
-4.0341

■ 35.1447, -2.1760,
-0.9287

Harmonies

Analogous

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



17.0199, -5.4599, -37.5284



17.0197, 6.7992, -35.9507



17.0199, 19.8278, -21.2907

Triad

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



17.0199, 6.7999, -35.9503



17.0199, 17.4553, 11.0672



17.0199, -18.1017, 4.8986

Complementary

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



17.0197, 6.7992, -35.9507



24.9723, 9.4949, 15.5533

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.



17.0199, -14.8733, 10.3415



17.0197, 6.7992, -35.9507



17.0199, 4.1767, 11.9139

Square

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



17.0199, 6.7999, -35.9503



17.0199, 27.0579, 6.3968



17.0199, -7.4511, 11.9139



17.0199, -17.7618, -7.3192

Rectangle

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



17.0197, 6.7992, -35.9507



17.0199, 26.1778, -9.5375



17.0199, -7.4511, 11.9139



17.0199, -17.4451, 7.2755

Sweetspot

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



17.0199, 6.7999, -35.9503



40.4841, -2.6889, -10.1485



32.2867, -24.1356, 11.7475



19.1501, -1.2405, -5.5776



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.



17.0199, 6.7999, -35.9503



22.2595, 10.2028, -49.8474



10.3218, 27.5517, -69.9264



17.9404, -1.0978, -0.3162



18.9613, 8.0554, -41.0892



40.8205, 22.5457, -99.6918

Inverse Universe

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



17.8689, 31.6580, 3.3275



23.8612, 42.1865, 5.1584



35.6370, -11.8317, 21.7517



17.7096, 0.7435, 0.6365



20.0881, 35.5592, 4.0056



45.1601, 79.5919, 11.7101

Previews

White Background



This preview shows how the HunterLab color 17.0197, 6.7992, -35.9507 looks on a white background.

Color Contrast Check

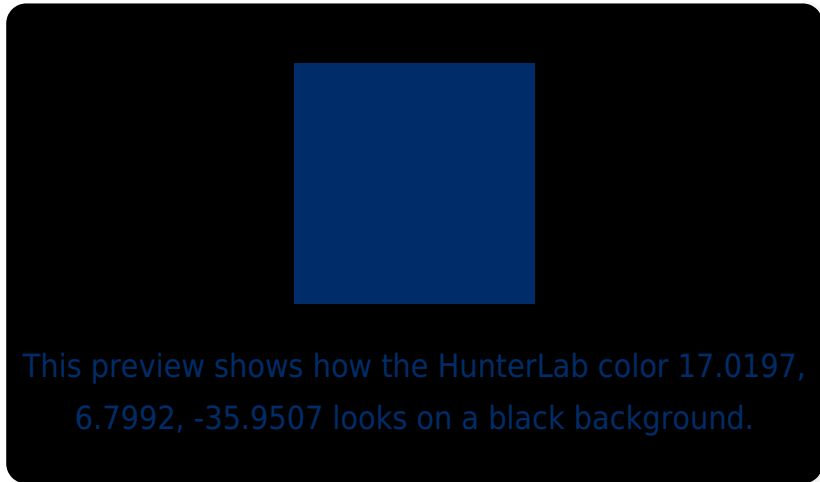
Large Text (above 18pt) WCAG AA ✓ Pass

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

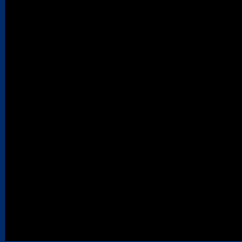
Any Text WCAG AA × Fail

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 17.0197, 6.7992, -35.9507 Background



This preview shows how black text looks on a background with the HunterLab color 17.0197, 6.7992, -35.9507.



This preview shows how white text looks on a background with the HunterLab color 17.0197, 6.7992, -35.9507.

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

17.0197, 6.7992, -35.9507

Protanopia

17.1286, 4.0881, -30.2343

Deuteranopia

17.1379, -1.0332, -19.1906



Tritanopia

17.1282, -8.5303, -2.9943

Trichromacy



Original Color

17.0197, 6.7992, -35.9507

Protanomaly

17.0105, 5.1326, -32.3414

Deuteranomaly

16.9900, 1.6674, -24.8355

Tritanomaly

16.9176, -4.0737, -12.3517

Monochromacy



Original Color

17.0197, 6.7992, -35.9507

Achromatopsia

13.9221, -0.7428, 0.7564

Achromatomaly

14.5872, -0.5753, -9.5453

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 17.0197, 6.7992, -35.9507 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, 45, 105)` looks like.

```
.text, #text, p{  
    color:rgb(0, 45, 105)  
}
```

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, 45, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 45, 105) }
```

Border

The CSS property to change the border of an element to HunterLab 17.0197, 6.7992, -35.9507 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, 45, 105) }
```


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

```
.border{ border-color:rgb(0, 45, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 45, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 45, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 45, 105);  
box-shadow:4px 4px 4px 4px rgb(0, 45, 105)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 17.0197, 6.7992, -35.9507 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 45, 105) }
```

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

```
.background{ background-color: rgb(0, 45,  
105) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor