

Converting Colors

HunterLab(13.1398, 43.7285,
-77.9831)

Have a look what the booklet for
HunterLab(13.1398, 43.7285,
-77.9831) contains.

HunterLab(15.0497, 35.6113, -66.5395)	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(15.0497, 35.6113,
-66.5395)**

Conversions

Conversions Part 1

Format	Color
Hex	36007D
RGB	54, 0, 125
RGB Percent	21%, 0%, 49%
CMY	0.7882, 1.0000, 0.5098
CMYK	0.57, 1.00, 0.00, 0.51
HSL	266°, 100%, 25%
HSV	266°, 100%, 49%
XYZ	5.2230, 2.2649, 19.5639
YIQ	30.3960, -7.9410, 50.3230

Conversions

Conversions Part 2

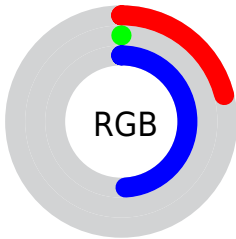
Format	Color
RYB	54, 0, 125
Decimal	3539069
CIELab	16.82, 48.63, -56.27
CIELCh	17, 74.368, 310.832
Yxy	2.2650, 0.1931, 0.0837
Android (android.graphics.Color)	4281729149 (0xFF36007D)
YUV	30.3960, 46.6398, 20.7007
Hunter-Lab	15.0497, 35.6113, -66.5395

Details

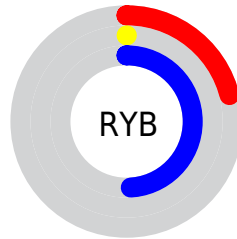
The HunterLab color **15.0497, 35.6113, -66.5395** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **40.0084, -25.7028, 24.2030**, and the grayscale version is **11.3791, -0.6072, 0.6182**.

A 20% lighter version of the original color is **30.7612, 39.6295, -62.5519**, and **7.1274, 19.3331, -50.6433** is the 20% darker color. If you saturate the color by 10%, you get **15.0500, 35.6117, -66.5379**, and if you desaturate by 10%, it is **16.5870, 33.0676, -58.5529**.

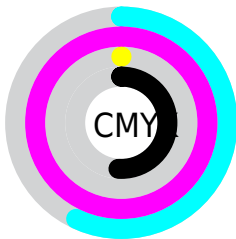
Distribution



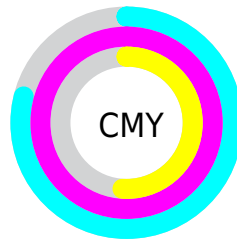
- Red (21%)
- Green (0%)
- Blue (49%)



- Red (21%)
- Yellow (0%)
- Blue (49%)



- Cyan (57%)
- Magenta (100%)
- Yellow (0%)
- Black (51%)



- Cyan (79%)
- Magenta (100%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 15.0497, 35.6113, -66.5395 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 15.0497, 35.6113, -66.5395 by changing the saturation by 10% instead.

■ 15.0497, 35.6113,
-66.5395

■ 15.0497, 35.6113,
-66.5395

■ 108.9485, 49.9349,
-66.3555

■ 8.6897, 34.3988,
-75.0947

■ 30.7271, 39.4014,
-62.4935

0.0000, INF, -NF

0.0000, NaN, -NF

■ 39.8537, 41.2301,
-62.3685

0.0000, NaN, -NF

■ 49.7389, 42.9508,
-62.7040

0.0000, NaN, NaN

■ 60.3285, 44.5577,
-63.2835

0.0000, NaN, NaN

0.0000, NaN, NaN


■ 71.5783, 46.0536,
-63.9918

0.0000, NaN, NaN


■ 83.4516, 47.4442,


0.0000, NaN, NaN


-64.7635


 95.9173, 48.7358,
-65.5594


 15.0497, 35.6113,
-66.5395

 15.0497, 35.6113,
-66.5395

 15.0500, 35.6117,
-66.5379

 16.5870, 33.0676,
-58.5529

 18.4721, 29.9763,
-50.3679

 20.8404, 26.0911,
-41.8996

 23.6089, 21.8695,
-33.7947

 26.7008, 17.5837,
-26.3223

■ 30.0539, 13.3628,
-19.5232

■ 33.6207, 9.2535,
-13.3366

■ 37.3653, 5.2620,
-7.6702

■ 41.2605, 1.3776,
-2.4315

Harmonies

Analogous

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



15.0500, 7.5358, -106.2645



15.0497, 35.6113, -66.5395



15.0500, 59.2441, -17.9663

Triad

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



15.0500, 35.6117, -66.5379



15.0500, 14.8314, 10.5350



15.0500, -26.3376, -8.3038

Complementary

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



15.0497, 35.6113, -66.5395



40.0084, -25.7028, 24.2030

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.



15.0500, -25.6837, 9.2727



15.0497, 35.6113, -66.5395



15.0500, -7.6483, 10.5350

Square

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



15.0500, 35.6117, -66.5379



15.0500, 43.3899, 10.5350



15.0500, -19.4239, 10.5350



15.0500, -21.6373, -51.9131

Rectangle

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



15.0497, 35.6113, -66.5395



15.0500, 64.3323, 1.3648



15.0500, -19.4239, 10.5350



15.0500, -26.3376, 0.2524

Sweetspot

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



15.0500, 35.6117, -66.5379



44.6361, 12.7765, -18.4226



24.9696, -0.2417, -30.6880



20.4941, 6.9893, -10.1131



79.8926, -4.2629, 4.3407



28.9024, -1.5422, 1.5703

Same Dimension

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



15.0500, 35.6117, -66.5379



19.9312, 47.4358, -90.2432



22.5773, 45.2223, -36.2480



20.7256, 0.5175, -0.9894



15.3622, 36.3675, -68.0516

0.0000, NaN, NaN

Inverse Universe

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



21.9428, 39.6508, -1.8907



29.3131, 52.8770, -1.8144



38.3856, -32.4655, 23.0846



20.9332, 1.0745, 0.4149

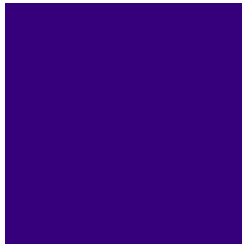


22.4140, 40.4963, -1.8864

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 15.0497, 35.6113, -66.5395 looks on a white background.

Color Contrast Check

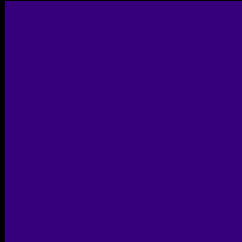
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.0497, 35.6113, -66.5395 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

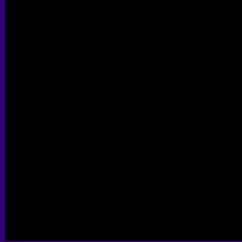
Any Text WCAG AA × Fail

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 15.0497, 35.6113, -66.5395 Background



This preview shows how black text looks on a background with the HunterLab color 15.0497, 35.6113, -66.5395.



This preview shows how white text looks on a background with the HunterLab color 15.0497, 35.6113, -66.5395.

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

15.0497, 35.6113, -66.5395

Protanopia

16.0439, 3.4362, -27.4712

Deuteranopia

16.0720, -1.5635, -16.7134



Tritanopia

16.3502, -4.9558, -2.2257

Trichromacy



Original Color

15.0497, 35.6113, -66.5395

Protanomaly

14.0667, 16.0209, -46.2535

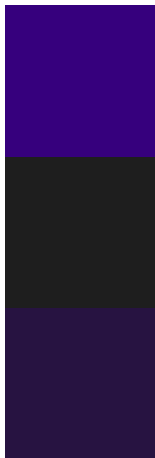
Deuteranomaly

13.7967, 12.3188, -37.8086

Tritanomaly

13.8548, 9.6229, -22.9495

Monochromacy



Original Color

15.0497, 35.6113, -66.5395

Achromatopsia

11.3943, -0.6080, 0.6191

Achromatomaly

11.3081, 12.1553, -19.0403

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 15.0497, 35.6113, -66.5395 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(54, 0, 125)` looks like.

```
.text, #text, p{  
    color:rgb(54, 0, 125)  
}
```

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(54, 0, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 0, 125) }
```

Border

The CSS property to change the border of an element to HunterLab 15.0497, 35.6113, -66.5395 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(54, 0, 125) }
```


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

```
.border{ border-color:rgb(54, 0, 125) }
```

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

Here you see how a box with a 4 pixel rgb(54, 0, 125) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 0, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 0, 125);  
box-shadow:4px 4px 4px 4px rgb(54, 0, 125)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 15.0497, 35.6113, -66.5395 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 0, 125) }
```

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

```
.background{ background-color: rgb(54, 0,  
125) }
```

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