

Converting Colors

HunterLab(15.8091, 15.6065,
-53.4499)

Have a look what the booklet for
HunterLab(15.8091, 15.6065,
-53.4499) contains.

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Color

**HunterLab(15.7684, 15.5567,
-53.2916)**

Conversions

Conversions Part 1

Format	Color
Hex	002375
RGB	0, 35, 117
RGB Percent	0%, 14%, 46%
CMY	0.9999, 0.8627, 0.5412
CMYK	1.00, 0.70, 0.00, 0.54
HSL	222°, 100%, 23%
HSV	222°, 100%, 46%
XYZ	3.8119, 2.4864, 17.1087
YIQ	33.8830, -47.1820, 18.0820

Conversions

Conversions Part 2

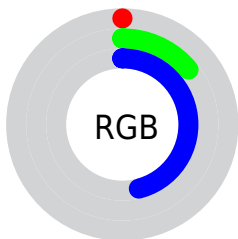
Format	Color
RYB	0, 27, 117
Decimal	9077
CIELab	17.86, 25.21, -49.55
CIELCh	18, 55.595, 296.970
Yxy	2.4865, 0.1629, 0.1062
Android (android.graphics.Color)	4278199157 (0xFF002375)
YUV	33.8830, 40.9767, -29.7154
Hunter-Lab	15.7684, 15.5567, -53.2916

Details

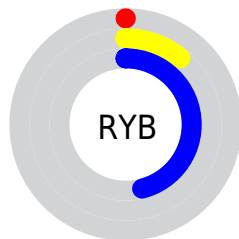
The HunterLab color **15.7684, 15.5567, -53.2916** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **31.3349, 4.1494, 19.3803**, and the grayscale version is **12.4972, -0.6668, 0.6790**.

A 20% lighter version of the original color is **31.6071, 17.8410, -51.5502**, and **6.4603, 17.5236, -45.9032** is the 20% darker color. If you saturate the color by 10%, you get **15.7665, 15.5620, -53.3006**, and if you desaturate by 10%, it is **17.6148, 12.0360, -45.5825**.

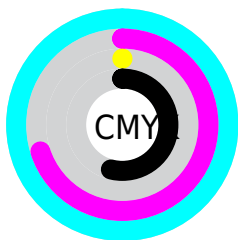
Distribution



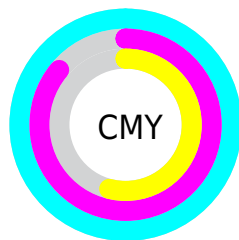
- Red (0%)
- Green (14%)
- Blue (46%)



- Red (0%)
- Yellow (11%)
- Blue (46%)



- Cyan (100%)
- Magenta (70%)
- Yellow (0%)
- Black (54%)



- Cyan (100%)
- Magenta (86%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 15.7684, 15.5567, -53.2916 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 15.7684, 15.5567, -53.2916 by changing the saturation by 10% instead.

■ 15.7684, 15.5567,
-53.2916

■ 15.7684, 15.5567,
-53.2916

■ 110.3304, 21.9010,
-55.9669

■ 9.3266, 14.2314,
-57.9914

■ 31.6359, 17.7674,
-51.5195

0.0000, INF, -NF

0.0000, NaN, -NF

■ 40.8440, 18.6596,
-51.8007

0.0000, NaN, -NF

■ 50.8046, 19.4316,
-52.3494

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 61.4645, 20.0975,
-53.0272

0.0000, NaN, NaN

■ 72.7805, 20.6688,
-53.7611

0.0000, NaN, NaN

■ 84.7166, 21.1548,

0.0000, NaN, NaN

-54.5100

97.2421, 21.5634,
-55.2501

15.7684, 15.5567,
-53.2916

15.7684, 15.5567,
-53.2916

15.7665, 15.5620,
-53.3006

17.6148, 12.0360,
-45.5825

19.6833, 8.8590,
-38.4107

21.9861, 6.2019,
-31.7285

24.4843, 4.0289,
-25.5965

27.1457, 2.2765,
-19.9916

■ 29.9450, 0.8777,
-14.8549

■ 32.8622, -0.2280,
-10.1186

■ 35.8818, -1.0915,
-5.7179

■ 38.9912, -1.7546,
-1.5957

Harmonies

Analogous

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



15.7685, -2.4260, -64.5655



15.7684, 15.5567, -53.2916



15.7685, 33.8498, -24.6492

Triad

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



15.7685, 15.5579, -53.2913



15.7685, 19.5235, 11.0380



15.7685, -21.6664, 2.3196

Complementary

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



15.7684, 15.5567, -53.2916



31.3349, 4.1494, 19.3803

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.



15.7685, -19.2050, 10.9105



15.7684, 15.5567, -53.2916



15.7685, 0.8066, 11.0380

Square

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



15.7685, 15.5579, -53.2913



15.7685, 36.7062, 9.5726



15.7685, -12.4509, 11.0380



15.7685, -20.0171, -18.8502

Rectangle

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



15.7684, 15.5567, -53.2916



15.7685, 41.3685, -7.2080



15.7685, -12.4509, 11.0380



15.7685, -21.2923, 6.1085

Sweetspot

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



15.7685, 15.5579, -53.2913



43.6630, -0.2012, -14.0216



36.5109, -25.3651, 9.1218



20.3136, 0.1228, -7.7045



77.7063, -4.1462, 4.2219



27.0627, -1.4440, 1.4704

Same Dimension

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



15.7685, 15.5579, -53.2913



20.5788, 22.2524, -73.7582



12.1314, 31.3559, -74.2282



19.3701, -0.8916, -0.5997



16.4734, 16.5406, -56.2967



34.4848, 41.8177, -133.3756

Inverse Universe

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



19.7575, 34.4456, 8.0059



26.3963, 45.9444, 11.3204



38.8348, -17.6908, 23.6195



19.2801, 0.7455, 0.9557



20.7315, 36.1356, 8.4943



45.6179, 79.2276, 20.9067

Previews

White Background



This preview shows how the HunterLab color 15.7684, 15.5567, -53.2916 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 15.7684, 15.5567, -53.2916 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

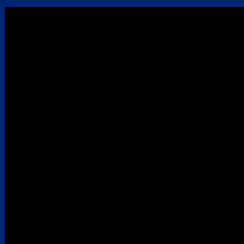
Any Text WCAG AA × Fail

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 15.7684, 15.5567, -53.2916 Background



This preview shows how black text looks on a background with the HunterLab color 15.7684, 15.5567, -53.2916.



This preview shows how white text looks on a background with the HunterLab color 15.7684, 15.5567, -53.2916.

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

15.7684, 15.5567, -53.2916

Protanopia

15.7578, 3.6000, -27.4673

Deuteranopia

15.8242, -1.1597, -17.2754



Tritanopia

15.9319, -7.9018, -2.8557

Trichromacy



Original Color

15.7684, 15.5567, -53.2916

Protanomaly

15.6131, 7.6503, -36.0297

Deuteranomaly

15.5841, 4.3378, -28.8428

Tritanomaly

15.4873, -1.2523, -16.6545

Monochromacy



Original Color

15.7684, 15.5567, -53.2916

Achromatopsia

12.6476, -0.6748, 0.6872

Achromatomaly

12.9800, 2.4280, -14.1154

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 15.7684, 15.5567, -53.2916 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, 35, 117)` looks like.

```
.text, #text, p{  
    color:rgb(0, 35, 117)  
}
```

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, 35, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 35, 117) }
```

Border

The CSS property to change the border of an element to HunterLab 15.7684, 15.5567, -53.2916 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, 35, 117) }
```


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

```
.border{ border-color:rgb(0, 35, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 35, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 35, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 35, 117);  
box-shadow:4px 4px 4px 4px rgb(0, 35, 117)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 15.7684, 15.5567, -53.2916 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 35, 117) }
```

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

```
.background{ background-color: rgb(0, 35,  
117) }
```

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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