

Converting Colors

HunterLab(28.8253, 16.0526,
-53.2284)

Have a look what the booklet for
HunterLab(28.8253, 16.0526,
-53.2284) contains.

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Color

**HunterLab(28.8253, 16.0526,
-53.2284)**

Conversions

Conversions Part 1

Format	Color
Hex	3A49A3
RGB	58, 73, 163
RGB Percent	23%, 29%, 64%
CMY	0.7725, 0.7137, 0.3608
CMYK	0.64, 0.55, 0.00, 0.36
HSL	231°, 48%, 43%
HSV	231°, 64%, 64%
XYZ	10.7383, 8.3090, 35.6882
YIQ	78.7750, -37.8300, 24.8100

Conversions

Conversions Part 2

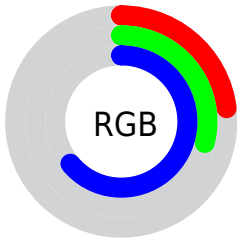
Format	Color
R_{YB}	58, 71, 163
Decimal	3819939
CIE _{Lab}	34.62, 23.53, -50.62
CIE _{LCh}	35, 55.825, 294.933
Yxy	8.3092, 0.1962, 0.1518
Android (android.graphics.Color)	4282010019 (0xFF3A49A3)
YUV	78.7750, 41.5229, -18.2197
Hunter-Lab	28.8253, 16.0526, -53.2284

Details

The HunterLab color **28.8253, 16.0526, -53.2284** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **54.1052, -7.3924, 28.8226**, and the grayscale version is **27.7465, -1.4805, 1.5075**.

A 20% lighter version of the original color is **47.4365, 17.9304, -54.2203**, and **14.3330, 15.7502, -51.9152** is the 20% darker color. If you saturate the color by 10%, you get **25.0225, 21.2630, -66.3124**, and if you desaturate by 10%, it is **33.0520, 11.6350, -41.5875**.

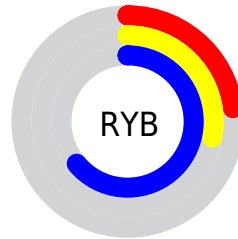
Distribution



Red (23%)

Green (29%)

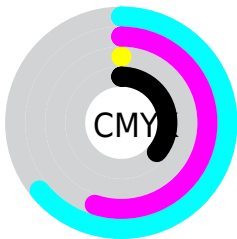
Blue (64%)



Red (23%)

Yellow (28%)

Blue (64%)

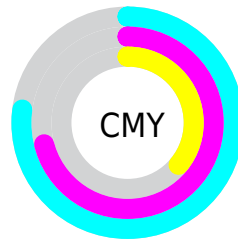


Cyan (64%)

Magenta (55%)

Yellow (0%)

Black (36%)



Cyan (77%)

Magenta (71%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 28.8253, 16.0526, -53.2284 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 28.8253, 16.0526, -53.2284 by changing the saturation by 10% instead.

■ 28.8253, 16.0526, -53.2284

■ 28.8253, 16.0526, -53.2284

133.4682, 20.2843, -58.7607

■ 20.7206, 15.0598, -53.8998

■ 47.4999, 17.6367, -53.7685

■ 13.5611, 13.9084, -56.3168

■ 57.9385, 18.2595, -54.4028

■ 7.1507, 14.4451, -67.2056

■ 69.0462, 18.7869, -55.1228

0.0000, INF, -NF

■ 80.7851, 19.2288, -55.8757

0.0000, NaN, -NF

■ 93.1228, 19.5934, -56.6310

0.0000, NaN, -NF

106.0316, 19.8872,

0.0000, NaN, NaN

-57.3703

0.0000, NaN, NaN

119.4872, 20.1160,
-58.0825

■ 28.8253, 16.0526,
-53.2284

■ 28.8253, 16.0526,
-53.2284

■ 25.0225, 21.2630,
-66.3124

■ 33.0520, 11.6350,
-41.5875

■ 21.7653, 27.2115,
-80.5022

■ 37.6101, 7.9119,
-31.3109

■ 19.2028, 33.4814,
-94.5672

■ 42.4345, 4.7553,
-22.1830

■ 18.0784, 36.7168,
-101.8575

■ 47.4782, 2.0475,
-13.9793

■ 52.7070, -0.3078,
-6.5059

■ 58.0952, -2.3852,
0.3931

■ 63.6235, -4.2423,
6.8397

■ 69.2766, -5.9230,
12.9287

■ 75.0424, -7.4612,
18.7332

Harmonies

Analogous

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



28.8257, -4.7809, -61.4789



28.8253, 16.0526, -53.2284



28.8257, 36.0689, -27.4115

Triad

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



28.8257, 16.0534, -53.2275



28.8257, 23.3540, 18.1653



28.8257, -30.2118, 4.5483

Complementary

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



28.8253, 16.0526, -53.2284



54.1052, -7.3924, 28.8226

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.



28.8257, -26.2794, 15.4694



28.8253, 16.0526, -53.2284



28.8257, 1.8516, 19.5912

Square

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



28.8257, 16.0534, -53.2275



28.8257, 41.0100, 12.9284



28.8257, -15.7189, 18.8745



28.8257, -28.2931, -17.9087

Rectangle

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



28.8253, 16.0526, -53.2284



28.8257, 44.4024, -9.3430



28.8257, -15.7189, 18.8745



28.8257, -29.5700, 9.3940

Sweetspot

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



28.8257, 16.0534, -53.2275



67.0508, 1.0926, -13.5379



54.0451, -28.0979, 2.4143



30.8734, 0.9329, -7.7256



90.9709, -4.8540, 4.9426



38.3822, -2.0480, 2.0854

Same Dimension

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



28.8257, 16.0534, -53.2275



31.6380, 31.5486, -96.2464



28.4443, 30.6610, -54.1625



26.4870, -0.6722, -1.3813



16.0706, 31.8737, -88.8929



3.1388, 2.2200, -8.7155

Inverse Universe

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



33.6070, 35.8384, 10.2153



40.7213, 57.1891, 17.1784



55.6372, -25.1703, 29.5761



26.6490, 1.0090, 1.7858



24.7080, 42.5287, 14.2951



3.6434, 6.3928, 1.1657

Previews

White Background



This preview shows how the HunterLab color 28.8253, 16.0526, -53.2284 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 28.8253, 16.0526, -53.2284 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

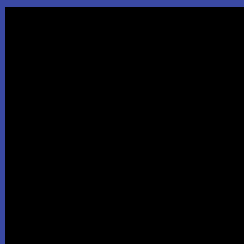
Any Text WCAG AA × Fail

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 28.8253, 16.0526, -53.2284 Background



This preview shows how black text looks on a background with the HunterLab color 28.8253, 16.0526, -53.2284.



This preview shows how white text looks on a background with the HunterLab color 28.8253, 16.0526, -53.2284.

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

28.8253, 16.0526, -53.2284

Protanopia

28.6391, 9.7617, -56.8690

Deuteranopia

28.6359, 0.5483, -36.9759



Tritanopia

28.7419, -13.1610, -5.8490

Trichromacy



Original Color

28.8253, 16.0526, -53.2284

Protanomaly

28.3636, 11.3156, -56.7355

Deuteranomaly

28.2591, 5.4447, -43.9197

Tritanomaly

28.2530, -4.4074, -20.6285

Monochromacy



Original Color

28.8253, 16.0526, -53.2284

Achromatopsia

27.9620, -1.4920, 1.5192

Achromatomaly

27.8803, 2.8565, -14.1414

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 28.8253, 16.0526, -53.2284 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(58, 73, 163)` looks like.

```
.text, #text, p{  
    color:rgb(58, 73, 163)  
}
```

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(58, 73, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 73, 163) }
```

Border

The CSS property to change the border of an element to HunterLab 28.8253, 16.0526, -53.2284 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(58, 73, 163) }
```


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

```
.border{ border-color:rgb(58, 73, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(58, 73, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 73, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 73, 163);  
box-shadow:4px 4px 4px 4px rgb(58, 73,  
163) }
```

Background

The CSS property to change the background color of an element to HunterLab 28.8253, 16.0526, -53.2284 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 73, 163) }
```

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

```
.background{ background-color: rgb(58, 73,  
163) }
```

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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