

Converting Colors

HunterLab(26.0357, 20.8727,
-63.5734)

Have a look what the booklet for
HunterLab(26.0357, 20.8727,
-63.5734) contains.

HunterLab(26.0357, 20.8727, -63.5734)	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(26.0357, 20.8727,
-63.5734)**

Conversions

Conversions Part 1

Format	Color
Hex	313EA4
RGB	49, 62, 164
RGB Percent	19%, 24%, 64%
CMY	0.8078, 0.7569, 0.3569
CMYK	0.70, 0.62, 0.00, 0.36
HSL	233°, 54%, 42%
HSV	233°, 70%, 64%
XYZ	9.6901, 6.7786, 35.9197
YIQ	69.7410, -40.4900, 28.9660

Conversions

Conversions Part 2

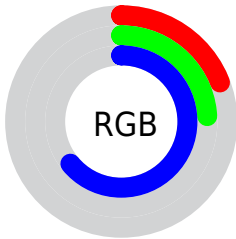
Format	Color
R_{YB}	49, 61, 164
Decimal	3227300
CIE Lab	31.30, 29.71, -56.65
CIE LCh	31, 63.965, 297.678
Yxy	6.7787, 0.1850, 0.1294
Android (android.graphics.Color)	4281417380 (0xFF313EA4)
YUV	69.7410, 46.4697, -18.1899
Hunter-Lab	26.0357, 20.8727, -63.5734

Details

The HunterLab color **26.0357, 20.8727, -63.5734** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **55.0002, -8.8428, 30.6028**, and the grayscale version is **24.5086, -1.3077, 1.3316**.

A 20% lighter version of the original color is **44.3105, 22.8629, -62.8960**, and **12.8375, 20.9084, -61.1810** is the 20% darker color. If you saturate the color by 10%, you get **22.5093, 26.8273, -78.1731**, and if you desaturate by 10%, it is **30.1043, 15.6845, -50.3479**.

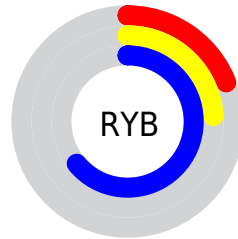
Distribution



 Red (19%)

 Green (24%)

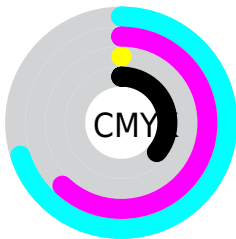
 Blue (64%)




 Red (19%)

 Yellow (24%)

 Blue (64%)

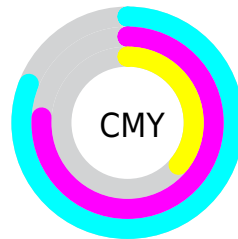


 Cyan (70%)

 Magenta (62%)

 Yellow (0%)

 Black (36%)



 Cyan (81%)

 Magenta (76%)

 Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 26.0357, 20.8727, -63.5734 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 26.0357, 20.8727, -63.5734 by changing the saturation by 10% instead.

■ 26.0357, 20.8727,
-63.5734

■ 26.0357, 20.8727,
-63.5734

■ 128.7681, 27.7070,
-68.0865

■ 18.2322, 19.5414,
-65.5545

■ 44.1890, 23.1173,
-63.0912

■ 11.4158, 18.0793,
-70.8624

■ 54.3956, 24.0514,
-63.5444

■ 3.7905, 33.9616,
-134.9882

■ 65.2857, 24.8774,
-64.1870

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 76.8188, 25.6059,
-64.9283

0.0000, NaN, -NF

■ 88.9609, 26.2461,
-65.7154

0.0000, NaN, NaN

■ 101.6829, 26.8054,

0.0000, NaN, NaN

-66.5163

0.0000, NaN, NaN

114.9594, 27.2906,
-67.3110

■ 26.0357, 20.8727,
-63.5734

■ 26.0357, 20.8727,
-63.5734

■ 22.5093, 26.8273,
-78.1731

■ 30.1043, 15.6845,
-50.3479

■ 19.6846, 33.1936,
-93.0774

■ 34.5888, 11.2694,
-38.6936

■ 17.6927, 38.9120,
-106.1143

■ 39.3991, 7.5161,
-28.4448

■ 44.4713, 4.2933,
-19.3475

■ 49.7599, 1.4862,
-11.1611

■ 55.2318, -0.9968,
-3.6867

■ 60.8625, -3.2261,
3.2319

■ 66.6330, -5.2553,
9.7152

■ 72.5286, -7.1253,
15.8557

Harmonies

Analogous

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



26.0360, -3.0538, -77.1670



26.0357, 20.8727, -63.5734



26.0360, 43.8843, -29.8393

Triad

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



26.0360, 20.8738, -63.5726



26.0360, 24.7781, 18.2252



26.0360, -31.2715, 2.9693

Complementary

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



26.0357, 20.8727, -63.5734



55.0002, -8.8428, 30.6028

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.



26.0360, -28.0338, 14.9355



26.0357, 20.8727, -63.5734



26.0360, 0.3154, 18.2252

Square

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



26.0360, 20.8738, -63.5726



26.0360, 46.6078, 13.9083



26.0360, -18.0257, 18.2252



26.0360, -28.9278, -24.4615

Rectangle

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



26.0357, 20.8727, -63.5734



26.0360, 52.9529, -8.5151



26.0360, -18.0257, 18.2252



26.0360, -30.8318, 8.5238

Sweetspot

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



26.0360, 20.8738, -63.5726



66.1156, 2.4588, -16.3876



54.2449, -28.8043, 1.1130



30.0392, 1.5949, -8.9713



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.



26.0360, 20.8738, -63.5726



28.1152, 40.8205, -116.4036



26.8503, 34.9327, -60.3993



26.4251, -0.5675, -1.4590



15.6153, 33.5952, -92.0402



2.9490, 2.6990, -9.5123

Inverse Universe

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



32.3073, 38.9247, 12.2253



39.6963, 61.1584, 20.2074



55.4619, -27.6540, 30.5841



26.6428, 0.9756, 1.8744



24.6785, 42.4194, 14.7315



3.6274, 6.3338, 1.3994

Previews

White Background



This preview shows how the HunterLab color 26.0357, 20.8727, -63.5734 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 26.0357, 20.8727, -63.5734 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

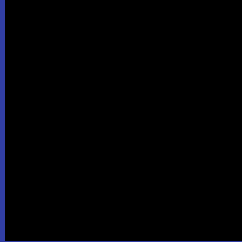
Any Text WCAG AA × Fail

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 26.0357, 20.8727, -63.5734 Background



This preview shows how black text looks on a background with the HunterLab color 26.0357, 20.8727, -63.5734.



This preview shows how white text looks on a background with the HunterLab color 26.0357, 20.8727, -63.5734.

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

26.0357, 20.8727, -63.5734

Protanopia

25.9007, 8.1413, -49.9483

Deuteranopia

25.7238, -0.0615, -32.0198



Tritanopia

25.9282, -12.7588, -4.8653

Trichromacy



Original Color

26.0357, 20.8727, -63.5734

Protanomaly

25.7476, 12.0182, -55.3327

Deuteranomaly

25.4203, 6.9299, -43.9034

Tritanomaly

25.2954, -2.9148, -22.4815

Monochromacy



Original Color

26.0357, 20.8727, -63.5734

Achromatopsia

24.7479, -1.3205, 1.3446

Achromatomaly

24.5722, 4.1619, -16.3868

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 26.0357, 20.8727, -63.5734 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(49, 62, 164)` looks like.

```
.text, #text, p{  
    color:rgb(49, 62, 164)  
}
```

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(49, 62, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 62, 164) }
```

Border

The CSS property to change the border of an element to HunterLab 26.0357, 20.8727, -63.5734 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(49, 62, 164) }
```


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

```
.border{ border-color:rgb(49, 62, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 62, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 62, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 62, 164);  
box-shadow:4px 4px 4px 4px rgb(49, 62,  
164) }
```

Background

The CSS property to change the background color of an element to HunterLab 26.0357, 20.8727, -63.5734 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 62, 164) }
```

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

```
.background{ background-color: rgb(49, 62,  
164) }
```

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