

Converting Colors

HunterLab(16.3365, 37.7778,
-65.9098)

Have a look what the booklet for
HunterLab(16.3365, 37.7778,
-65.9098) contains.

HunterLab(16.3354, 37.8410, -65.9241)	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(16.3354, 37.8410,
-65.9241)**

Conversions

Conversions Part 1

Format	Color
Hex	3F0082
RGB	63, 0, 130
RGB Percent	25%, 0%, 51%
CMY	0.7529, 1.0000, 0.4902
CMYK	0.52, 1.00, 0.00, 0.49
HSL	269°, 100%, 25%
HSV	269°, 100%, 51%
XYZ	6.0791, 2.6685, 21.3137
YIQ	33.6570, -4.1820, 53.7860

Conversions

Conversions Part 2

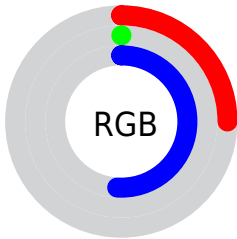
Format	Color
RYB	63, 0, 130
Decimal	4128898
CIELab	18.66, 50.54, -56.36
CIELCh	19, 75.704, 311.886
Yxy	2.6686, 0.2022, 0.0888
Android (android.graphics.Color)	4282318978 (0xFF3F0082)
YUV	33.6570, 47.4971, 25.7338
Hunter-Lab	16.3354, 37.8410, -65.9241

Details

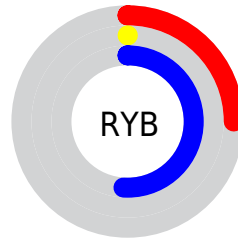
The HunterLab color **16.3354, 37.8410, -65.9241** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **41.4228, -28.1170, 25.0323**, and the grayscale version is **12.3955, -0.6614, 0.6735**.

A 20% lighter version of the original color is **32.2626, 41.8710, -62.7233**, and **7.5134, 20.3801, -53.3859** is the 20% darker color. If you saturate the color by 10%, you get **16.3358, 37.8413, -65.9225**, and if you desaturate by 10%, it is **17.8623, 35.4708, -58.4726**.

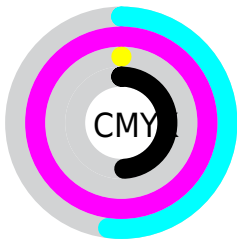
Distribution



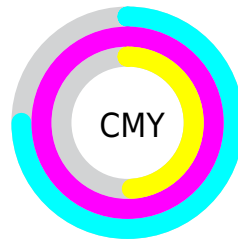
- Red (25%)
- Green (0%)
- Blue (51%)



- Red (25%)
- Yellow (0%)
- Blue (51%)



- Cyan (52%)
- Magenta (100%)
- Yellow (0%)
- Black (49%)



- Cyan (75%)
- Magenta (100%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 16.3354, 37.8410, -65.9241 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 16.3354, 37.8410, -65.9241 by changing the saturation by 10% instead.

■ 16.3354, 37.8410,
-65.9241

■ 16.3354, 37.8410,
-65.9241

■ 111.4107, 52.5627,
-66.6455

■ 9.8044, 36.2686,
-72.7199

■ 32.3497, 41.7109,
-62.5736

0.0000, INF, -NF

0.0000, NaN, -NF

■ 41.6209, 43.5796,
-62.5522

0.0000, NaN, -NF

■ 51.6397, 45.3432,
-62.9419

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 62.3540, 46.9952,
-63.5504


0.0000, NaN, NaN


■ 73.7213, 48.5376,
-64.2738


0.0000, NaN, NaN


■ 85.7061, 49.9757,


-65.0524


 98.2780, 51.3153,
-65.8503


 16.3354, 37.8410,
-65.9241


 16.3354, 37.8410,
-65.9241


 16.3358, 37.8413,
-65.9225

 17.8623, 35.4708,
-58.4726

 19.7574, 32.3822,
-50.6352

 22.1504, 28.3733,
-42.3839

 24.9628, 23.9204,
-34.3599

 28.1183, 19.3303,
-26.8668

■ 31.5531, 14.7625,
-19.9827

■ 35.2172, 10.2846,
-13.6744

■ 39.0725, 5.9154,
-7.8670

■ 43.0899, 1.6512,
-2.4783

Harmonies

Analogous

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



16.3358, 8.7414, -107.0173



16.3354, 37.8410, -65.9241



16.3358, 61.5433, -17.1210

Triad

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



16.3358, 37.8413, -65.9225



16.3358, 14.3966, 11.4350



16.3358, -26.8887, -9.7056

Complementary

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



16.3354, 37.8410, -65.9241



41.4228, -28.1170, 25.0323

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.



16.3358, -26.3209, 9.2419



16.3354, 37.8410, -65.9241



16.3358, -8.6754, 11.4350

Square

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



16.3358, 37.8413, -65.9225



16.3358, 43.8075, 11.4350



16.3358, -20.6103, 11.4350



16.3358, -22.1616, -54.8727

Rectangle

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



16.3354, 37.8410, -65.9241



16.3358, 66.1524, 2.1540



16.3358, -20.6103, 11.4350



16.3358, -27.3107, -0.4856

Sweetspot

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



16.3358, 37.8413, -65.9225



46.3962, 14.0477, -18.6935



23.7610, 3.8402, -37.9890



21.2503, 7.6686, -10.2592



80.9895, -4.3214, 4.4003



29.8298, -1.5916, 1.6207

Same Dimension

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



16.3358, 37.8413, -65.9225



21.4773, 49.9957, -88.5639



24.8757, 49.0792, -34.1489



20.7509, 0.6035, -0.9555



16.0087, 37.0684, -64.4846

0.0000, NaN, NaN

Inverse Universe

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



22.6959, 40.6528, 0.8259



30.0693, 53.7685, 1.8022



39.9741, -34.1879, 24.0333



20.9246, 1.0282, 0.5375

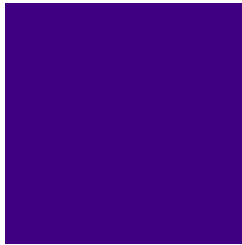


22.2271, 39.8188, 0.7644

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 16.3354, 37.8410, -65.9241 looks on a white background.

Color Contrast Check

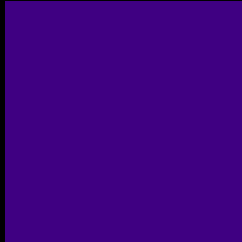
Large Text (above 18pt) WCAG AA ✓ Pass

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 16.3354, 37.8410, -65.9241 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

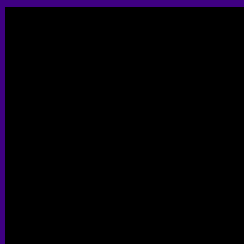
Any Text WCAG AA × Fail

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 16.3354, 37.8410, -65.9241 Background



This preview shows how black text looks on a background with the HunterLab color 16.3354, 37.8410, -65.9241.



This preview shows how white text looks on a background with the HunterLab color 16.3354, 37.8410, -65.9241.

-65.9241.

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

16.3354, 37.8410, -65.9241

Protanopia

17.1847, 4.3786, -30.9315

Deuteranopia

17.3883, -1.4446, -18.6153



Tritanopia

17.6491, -2.6899, -1.3140

Trichromacy



Original Color

16.3354, 37.8410, -65.9241

Protanomaly

15.0280, 17.4930, -49.7668

Deuteranomaly

14.6791, 13.4528, -40.4480

Tritanomaly

15.1499, 12.4414, -21.6875

Monochromacy



Original Color

16.3354, 37.8410, -65.9241

Achromatopsia

12.6476, -0.6748, 0.6872

Achromatomaly

12.4955, 13.0354, -18.7870

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 16.3354, 37.8410, -65.9241 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(63, 0, 130)` looks like.

```
.text, #text, p{  
    color:rgb(63, 0, 130)  
}
```

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(63, 0, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 0, 130) }
```

Border

The CSS property to change the border of an element to HunterLab 16.3354, 37.8410, -65.9241 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(63, 0, 130) }
```


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

```
.border{ border-color:rgb(63, 0, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 0, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 0, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 0, 130);  
box-shadow:4px 4px 4px 4px rgb(63, 0, 130)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 16.3354, 37.8410, -65.9241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 0, 130) }
```

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

```
.background{ background-color: rgb(63, 0,  
130) }
```

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