

Converting Colors

RGB(61, 0, 232)

Have a look what the booklet for
RGB(61, 0, 232) contains.

RGB(61, 0, 232)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(61, 0, 232)

Conversions

Conversions Part 1

Format	Color
Hex	3D00E8
RGB	61, 0, 232
RGB Percent	24%, 0%, 91%
CMY	0.7608, 1.0000, 0.0902
CMYK	0.74, 1.00, 0.00, 0.09
HSL	256°, 100%, 45%
HSV	256°, 100%, 91%
XYZ	16.4900, 6.8183, 76.7909
YIQ	44.6870, -38.1160, 85.0840

Conversions

Conversions Part 2

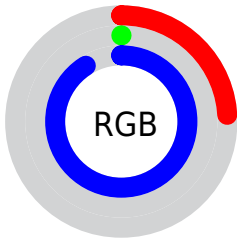
Format	Color
R _Y B	61, 0, 232
Decimal	3997928
CIE Lab	31.39, 74.60, -96.32
CIE LCh	31, 121.830, 307.759
Yxy	6.8183, 0.1647, 0.0681
Android (android.graphics.Color)	4282188008 (0xFF3D00E8)
YUV	44.6870, 92.3453, 14.3065
Hunter-Lab	26.1119, 67.0291, -156.0842

Details

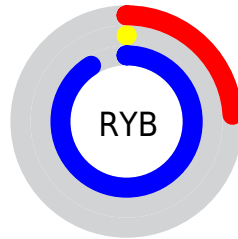
The RGB color **61, 0, 232** is a dark color, and the websafe version is hex **6600FF**. The color can be described as dark washed blue. A complement of this color would be **171, 232, 0**, and the grayscale version is **44, 44, 44**.

A 20% lighter version of the original color is **136, 71, 255**, and **0, 0, 174** is the 20% darker color. If you saturate the color by 10%, you get **61, 0, 232**, and if you desaturate by 10%, it is **78, 23, 232**.

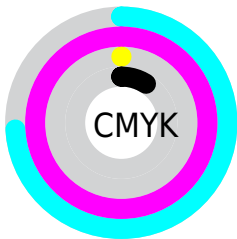
Distribution



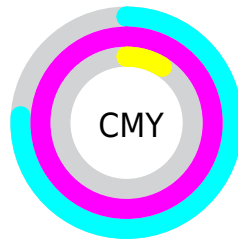
- Red (24%)
- Green (0%)
- Blue (91%)



- Red (24%)
- Yellow (0%)
- Blue (91%)



- Cyan (74%)
- Magenta (100%)
- Yellow (0%)
- Black (9%)























- Cyan (76%)
- Magenta (100%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the RGB color 61, 0, 232 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 RGB color 61, 0, 232 by changing the saturation by 10% instead.

 61, 0, 232	 61, 0, 232
 255, 255, 255	 0, 0, 203
 136, 71, 255	 0, 0, 174
 169, 99, 255	 0, 0, 147
 201, 126, 255	 0, 0, 120
 233, 154, 255	 0, 14, 94
 255, 182, 255	 0, 8, 69
 255, 211, 255	 0, 4, 46
 255, 240, 255	 0, 1, 24
	 0, 0, 0


 61, 0, 232


 78, 23, 232


 95, 46, 232

 112, 70, 232

 129, 93, 232

 146, 116, 232

 164, 139, 232

 181, 162, 232

 198, 186, 232

 215, 209, 232

Harmonies

Analogous

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



0, 87, 255



61, 0, 232



194, 0, 149

Triad

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



61, 0, 232



145, 29, 0



0, 101, 98

Complementary

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



61, 0, 232



171, 232, 0

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.



0, 98, 0



61, 0, 232



68, 79, 0

Square

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



61, 0, 232



198, 0, 0



0, 94, 0



0, 105, 193

Rectangle

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



61, 0, 232



219, 0, 86



0, 94, 0



0, 100, 64

Sweetspot

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



61, 0, 232



199, 179, 255



0, 174, 232



94, 82, 128



0, 0, 0



128, 128, 128

Same Dimension

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



61, 0, 232



67, 0, 255



174, 0, 232



106, 103, 115



47, 0, 179



13, 0, 51

Inverse Universe

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



232, 0, 171



255, 0, 188



58, 232, 0



115, 103, 112



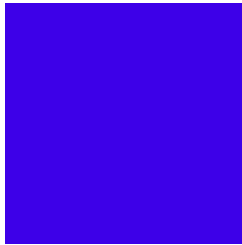
179, 0, 132



51, 0, 38

Previews

White Background



This preview shows how the RGB color 61, 0, 232 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



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

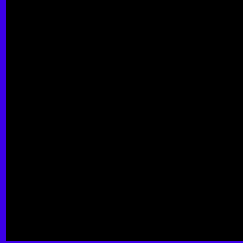
Any Text WCAG AA × Fail

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](#).

RGB 61, 0, 232 Background



This preview shows how black text looks on a background with the RGB color 61, 0, 232.



This preview shows how white text looks on a background with the RGB color 61, 0, 232.

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


61, 0, 232

Protanopia

0, 73, 152

Deuteranopia

0, 78, 129



Tritanopia
0, 84, 88

Trichromacy



Original Color

61, 0, 232

Protanomaly

22, 46, 181

Deuteranomaly

22, 50, 166

Tritanomaly

22, 53, 140

Monochromacy



Original Color

61, 0, 232

Achromatopsia

45, 45, 45

Achromatomaly

51, 29, 113

CSS Examples

Text

The CSS property to change the color of the text to RGB 61, 0, 232 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(61, 0, 232)` looks like.

```
.text, #text, p{  
    color:rgb(61, 0, 232)  
}
```

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(61, 0, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 0, 232) }
```

Border

The CSS property to change the border of an element to RGB 61, 0, 232 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(61, 0, 232) }
```

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

```
.border{ border-color:rgb(61, 0, 232) }
```

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

Here you see how a box with a 4 pixel rgb(61, 0, 232) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 0, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 0, 232);  
box-shadow:4px 4px 4px 4px rgb(61, 0, 232)  
}
```

Background

The CSS property to change the background color of an element to RGB 61, 0, 232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 0, 232) }
```

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

```
.background{ background-color: rgb(61, 0,  
232) }
```

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