

Converting Colors

RGB(65, 0, 252)

Have a look what the booklet for
RGB(65, 0, 252) contains.

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Color

RGB(65, 0, 252)

Conversions

Conversions Part 1

Format	Color
Hex	4100FC
RGB	65, 0, 252
RGB Percent	25%, 0%, 99%
CMY	0.7451, 1.0000, 0.0118
CMYK	0.74, 1.00, 0.00, 0.01
HSL	255°, 100%, 49%
HSV	255°, 100%, 99%
XYZ	19.7507, 8.1521, 92.6280
YIQ	48.1630, -42.1520, 92.1520

Conversions

Conversions Part 2

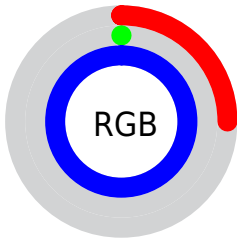
Format	Color
RYB	65, 0, 252
Decimal	4260092
CIELab	34.30, 79.35, -102.79
CIElCh	34, 129.854, 307.669
Yxy	8.1521, 0.1639, 0.0676
Android (android.graphics.Color)	4282450172 (0xFF4100FC)
YUV	48.1630, 100.4916, 14.7660
Hunter-Lab	28.5519, 73.5110, -172.3624

Details

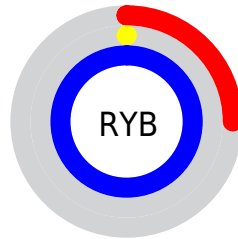
The RGB color **65, 0, 252** is a dark color, and the websafe version is hex **3300FF**. The color can be described as dark saturated blue. A complement of this color would be **187, 252, 0**, and the grayscale version is **47, 47, 47**.

A 20% lighter version of the original color is **143, 74, 255**, and **0, 0, 193** is the 20% darker color. If you saturate the color by 10%, you get **65, 0, 252**, and if you desaturate by 10%, it is **84, 25, 252**.

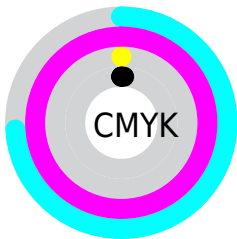
Distribution



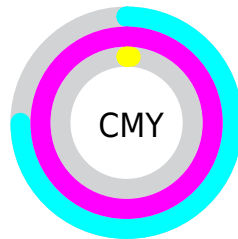
- Red (25%)
- Green (0%)
- Blue (99%)



- Red (25%)
- Yellow (0%)
- Blue (99%)



- Cyan (74%)
- Magenta (100%)
- Yellow (0%)
- Black (1%)



- Cyan (75%)
- Magenta (100%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the RGB color 65, 0, 252 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 65, 0, 252 by changing the saturation by 10% instead.



65, 0, 252



65, 0, 252

255, 255, 255



0, 0, 222



143, 74, 255



0, 0, 193



176, 102, 255



0, 0, 165



209, 130, 255



0, 0, 138



242, 158, 255



0, 11, 111



255, 187, 255



0, 12, 85



255, 216, 255



0, 6, 61



255, 245, 255



0, 3, 38





0, 1, 16

 65, 0, 252


 84, 25, 252

 102, 50, 252

 121, 76, 252

 140, 101, 252

 159, 126, 252

 177, 151, 252

 196, 176, 252

 215, 202, 252

 233, 227, 252

Harmonies

Analogous

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



0, 95, 255



65, 0, 252



210, 0, 162

Triad

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



65, 0, 252



157, 31, 0



0, 110, 107

Complementary

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



65, 0, 252



187, 252, 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, 107, 0



65, 0, 252



75, 87, 0

Square

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



65, 0, 252



215, 0, 0



0, 102, 0



0, 114, 210

Rectangle

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



65, 0, 252



237, 0, 94



0, 102, 0



0, 109, 70

Sweetspot

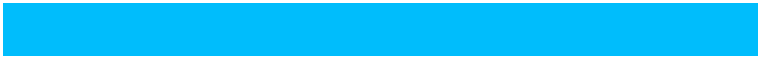
The Sweet Spot groups the original color and five complimentary colors.



65, 0, 252



198, 179, 255



0, 189, 252



93, 82, 128



0, 0, 0



128, 128, 128

Same Dimension

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



65, 0, 252



66, 0, 255



189, 0, 252



116, 112, 125



49, 0, 189



16, 0, 61

Inverse Universe

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



252, 0, 187



255, 0, 189



63, 252, 0



125, 112, 122



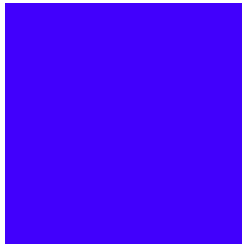
189, 0, 140



61, 0, 45

Previews

White Background



This preview shows how the RGB color 65, 0, 252 looks on a white background.

Color Contrast Check

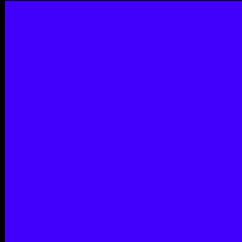
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the RGB color 65, 0, 252 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](#).

RGB 65, 0, 252 Background



This preview shows how black text looks on a background with the RGB color 65, 0, 252.

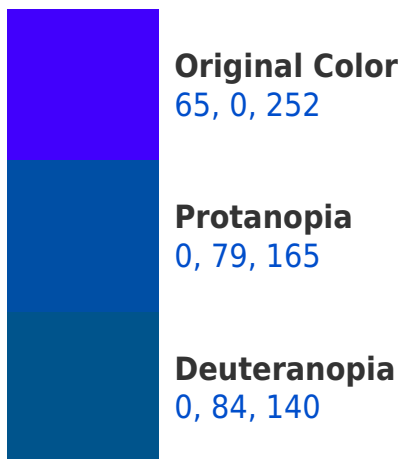


This preview shows how white text looks on a background with the RGB color 65, 0, 252.

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





Tritanopia
0, 90, 95

Trichromacy



Original Color

65, 0, 252

Protanomaly

24, 50, 197

Deuteranomaly

24, 53, 181

Tritanomaly

24, 57, 152

Monochromacy



Original Color

65, 0, 252

Achromatopsia

48, 48, 48

Achromatomaly

54, 31, 122

CSS Examples

Text

The CSS property to change the color of the text to RGB 65, 0, 252 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(65, 0, 252)` looks like.

```
.text, #text, p{  
    color:rgb(65, 0, 252)  
}
```

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(65, 0, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 0, 252) }
```

Border

The CSS property to change the border of an element to RGB 65, 0, 252 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(65, 0, 252) }
```

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

```
.border{ border-color:rgb(65, 0, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 0, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 0, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 0, 252);  
box-shadow:4px 4px 4px 4px rgb(65, 0, 252)  
}
```

Background

The CSS property to change the background color of an element to RGB 65, 0, 252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 0, 252) }
```

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

```
.background{ background-color: rgb(65, 0,  
252) }
```

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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