

Converting Colors

RGB(84, 25, 255)

Have a look what the booklet for
RGB(84, 25, 255) contains.

RGB(84, 25, 255)	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(84, 25, 255)

Conversions

Conversions Part 1

Format	Color
Hex	5419FF
RGB	84, 25, 255
RGB Percent	33%, 10%, 100%
CMY	0.6706, 0.9020, 0.0000
CMYK	0.67, 0.90, 0.00, 0.00
HSL	255°, 100%, 55%
HSV	255°, 90%, 100%
XYZ	22.0538, 9.8001, 95.3370
YIQ	68.8610, -38.6660, 84.0380

Conversions

Conversions Part 2

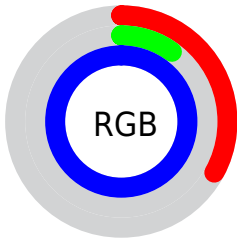
Format	Color
R _Y B	84, 25, 255
Decimal	5511679
CIE Lab	37.48, 76.72, -99.13
CIE LCh	37, 125.350, 307.739
Yxy	9.8001, 0.1734, 0.0771
Android (android.graphics.Color)	4283701759 (0xFF5419FF)
YUV	68.8610, 91.7665, 13.2769
Hunter-Lab	31.3051, 70.9657, -158.6492

Details

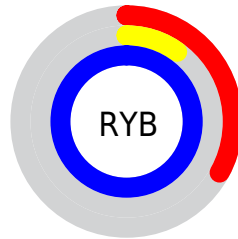
The RGB color **84, 25, 255** is a dark color, and the websafe version is hex **6600FF**. The color can be described as dark washed blue. A complement of this color would be **196, 255, 25**, and the grayscale version is **68, 68, 68**.

A 20% lighter version of the original color is **155, 86, 255**, and **0, 0, 196** is the 20% darker color. If you saturate the color by 10%, you get **65, 0, 255**, and if you desaturate by 10%, it is **103, 50, 255**.

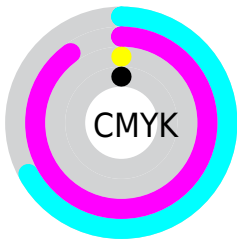
Distribution



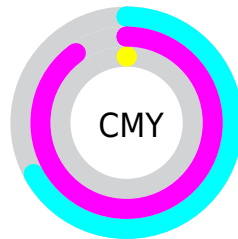
- Red (33%)
- Green (10%)
- Blue (100%)



- Red (33%)
- Yellow (10%)
- Blue (100%)



- Cyan (67%)
- Magenta (90%)
- Yellow (0%)
- Black (0%)




















- Cyan (67%)
- Magenta (90%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the RGB color 84, 25, 255 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 84, 25, 255 by changing the saturation by 10% instead.

 84, 25, 255	 84, 25, 255
255, 255, 255	 33, 0, 225
 155, 86, 255	 0, 0, 196
 188, 114, 255	 0, 0, 168
 220, 141, 255	 0, 0, 141
 253, 170, 255	 0, 4, 114
 255, 198, 255	 0, 12, 88
 255, 227, 255	 0, 7, 64
	 0, 3, 41
	 0, 1, 19

■ 84, 25, 255

■ 84, 25, 255

■ 65, 0, 255

■ 103, 50, 255

■ 122, 76, 255

■ 141, 101, 255

■ 160, 127, 255

■ 179, 152, 255

■ 198, 178, 255

■ 217, 203, 255

■ 236, 229, 255

255, 254, 255

Harmonies

Analogous

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



0, 101, 255



84, 25, 255



216, 0, 168

Triad

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



84, 25, 255



166, 44, 0



0, 118, 114

Complementary

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



84, 25, 255



196, 255, 25

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, 116, 0



84, 25, 255



84, 94, 0

Square

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



84, 25, 255



222, 0, 0



0, 110, 0



0, 122, 214

Rectangle

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



84, 25, 255



243, 0, 101



0, 110, 0



0, 117, 78

Sweetspot

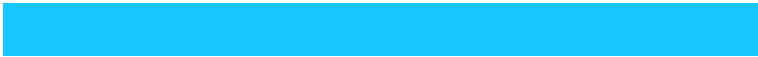
The Sweet Spot groups the original color and five complimentary colors.



84, 25, 255



204, 186, 255



25, 198, 255



97, 87, 128



0, 0, 0



128, 128, 128

Same Dimension

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



84, 25, 255



65, 0, 255



198, 25, 255



118, 115, 128



49, 0, 191



16, 0, 64

Inverse Universe

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



255, 25, 196



255, 0, 190



82, 255, 25



128, 115, 124



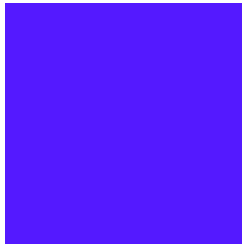
191, 0, 142



64, 0, 47

Previews

White Background



This preview shows how the RGB color 84, 25, 255 looks on a white background.

Color Contrast Check

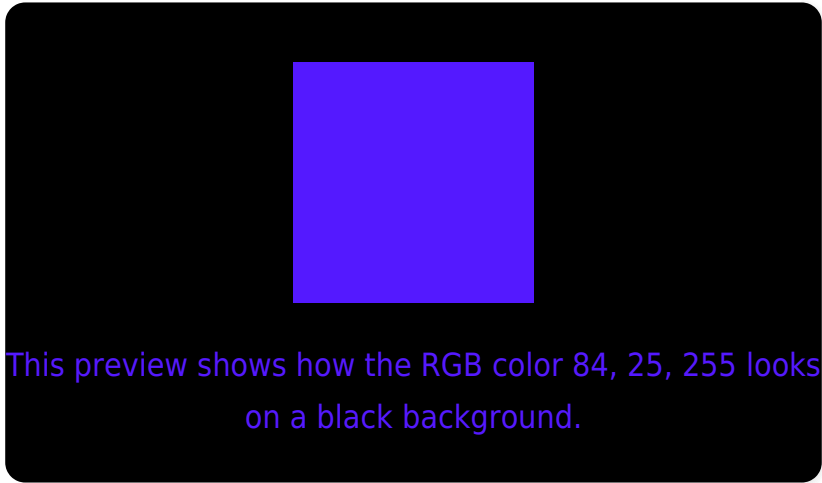
Large Text (above 18pt) WCAG AA ✓ Pass

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

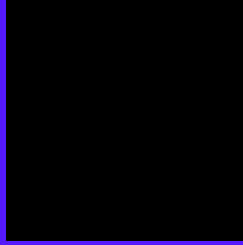
Any Text WCAG AA × Fail

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 84, 25, 255 Background



This preview shows how black text looks on a background with the RGB color 84, 25, 255.



This preview shows how white text looks on a background with the RGB color 84, 25, 255.

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

84, 25, 255

Protanopia

0, 85, 178

Deuteranopia

0, 90, 151



Tritanopia
0, 97, 104

Trichromacy



Original Color

84, 25, 255



Protanomaly

31, 63, 206



Deuteranomaly

31, 66, 189



Tritanomaly

31, 71, 159

Monochromacy



Original Color

84, 25, 255



Achromatopsia

69, 69, 69



Achromatomaly

74, 53, 137

CSS Examples

Text

The CSS property to change the color of the text to RGB 84, 25, 255 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(84, 25, 255)` looks like.

```
.text, #text, p{  
    color:rgb(84, 25, 255)  
}
```

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(84, 25, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 25, 255) }
```

Border

The CSS property to change the border of an element to RGB 84, 25, 255 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(84, 25, 255) }
```

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

```
.border{ border-color:rgb(84, 25, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 25, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 25, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 25, 255);  
box-shadow:4px 4px 4px 4px rgb(84, 25,  
255) }
```

Background

The CSS property to change the background color of an element to RGB 84, 25, 255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 25, 255) }
```

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

```
.background{ background-color: rgb(84, 25,  
255) }
```

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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