

Converting Colors

RGB(60, 24, 255)

Have a look what the booklet for
RGB(60, 24, 255) contains.

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Color

RGB(60, 24, 255)

Conversions

Conversions Part 1

Format	Color
Hex	3C18FF
RGB	60, 24, 255
RGB Percent	24%, 9%, 100%
CMY	0.7647, 0.9059, 0.0000
CMYK	0.76, 0.91, 0.00, 0.00
HSL	249°, 100%, 55%
HSV	249°, 91%, 100%
XYZ	20.2401, 8.8339, 95.2461
YIQ	61.0980, -52.6950, 79.4730

Conversions

Conversions Part 2

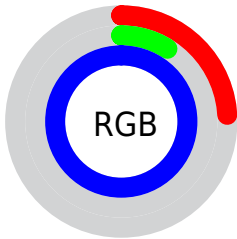
Format	Color
R _Y B	60, 24, 255
Decimal	3938559
CIE Lab	35.66, 75.90, -102.20
CIE LCh	36, 127.301, 306.598
Yxy	8.8339, 0.1628, 0.0711
Android (android.graphics.Color)	4282128639 (0xFF3C18FF)
YUV	61.0980, 95.5937, -0.9629
Hunter-Lab	29.7219, 69.5420, -169.1938

Details

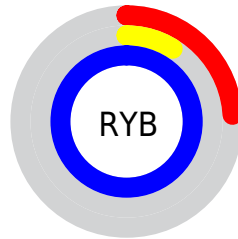
The RGB color **60, 24, 255** is a dark color, and the websafe version is hex **3300FF**. The color can be described as dark washed blue. A complement of this color would be **219, 255, 24**, and the grayscale version is **60, 60, 60**.

A 20% lighter version of the original color is **140, 83, 255**, and **0, 0, 196** is the 20% darker color. If you saturate the color by 10%, you get **40, 0, 255**, and if you desaturate by 10%, it is **82, 49, 255**.

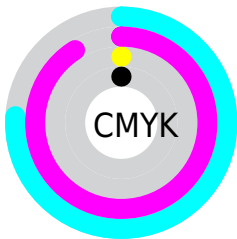
Distribution



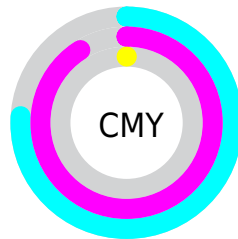
- Red (24%)
- Green (9%)
- Blue (100%)



- Red (24%)
- Yellow (9%)
- Blue (100%)



- Cyan (76%)
- Magenta (91%)
- Yellow (0%)
- Black (0%)



- Cyan (76%)
- Magenta (91%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the RGB color 60, 24, 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 60, 24, 255 by changing the saturation by 10% instead.



60, 24, 255



60, 24, 255

255, 255, 255



0, 0, 225



140, 83, 255



0, 0, 196



173, 111, 255



0, 0, 168



206, 138, 255



0, 0, 140



239, 166, 255



0, 11, 114



255, 195, 255



0, 12, 88



255, 224, 255



0, 7, 64



255, 253, 255



0, 3, 41



0, 1, 19

■ 60, 24, 255

■ 60, 24, 255

■ 40, 0, 255

■ 82, 49, 255

■ 103, 75, 255

■ 125, 100, 255

■ 146, 126, 255

■ 168, 151, 255

■ 189, 177, 255

■ 211, 203, 255

■ 232, 228, 255

■ 254, 253, 255

Harmonies

Analogous

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



0, 99, 255



60, 24, 255



210, 0, 168

Triad

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



60, 24, 255



163, 33, 0



0, 113, 106

Complementary

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



60, 24, 255



219, 255, 24

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, 110, 0



60, 24, 255



83, 89, 0

Square

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



60, 24, 255



219, 0, 0



0, 105, 0



0, 117, 208

Rectangle

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



60, 24, 255



238, 0, 101



0, 105, 0



0, 112, 69

Sweetspot

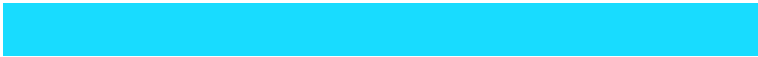
The Sweet Spot groups the original color and five complimentary colors.



60, 24, 255



197, 186, 255



24, 220, 255



93, 87, 128



0, 0, 0



128, 128, 128

Same Dimension

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



60, 24, 255



40, 0, 255



174, 24, 255



117, 115, 128



30, 0, 191



10, 0, 64

Inverse Universe

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



255, 24, 219



255, 0, 215



105, 255, 24



128, 115, 126



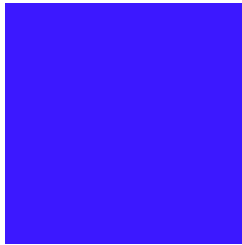
191, 0, 161



64, 0, 54

Previews

White Background



This preview shows how the RGB color 60, 24, 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

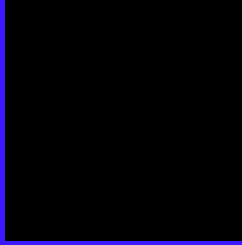
Any Text WCAG AA × Fail

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 60, 24, 255 Background



This preview shows how black text looks on a background with the RGB color 60, 24, 255.



This preview shows how white text looks on a background with the RGB color 60, 24, 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


60, 24, 255

Protanopia

0, 80, 169

Deuteranopia

0, 86, 143



Tritanopia
0, 92, 97

Trichromacy



Original Color

60, 24, 255

Protanomaly

22, 60, 200

Deuteranomaly

22, 63, 184

Tritanomaly

22, 67, 154

Monochromacy



Original Color

60, 24, 255

Achromatopsia

61, 61, 61

Achromatomaly

61, 48, 132

CSS Examples

Text

The CSS property to change the color of the text to RGB 60, 24, 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(60, 24, 255)` looks like.

```
.text, #text, p{  
    color:rgb(60, 24, 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(60, 24, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 24, 255) }
```

Border

The CSS property to change the border of an element to RGB 60, 24, 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(60, 24, 255) }
```

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

```
.border{ border-color:rgb(60, 24, 255) }
```

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

Here you see how a box with a 4 pixel rgb(60, 24, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 24, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 24, 255);  
box-shadow:4px 4px 4px 4px rgb(60, 24,  
255) }
```

Background

The CSS property to change the background color of an element to RGB 60, 24, 255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 24, 255) }
```

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

```
.background{ background-color: rgb(60, 24,  
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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