

Converting Colors

RGB(104, 40, 200)

Have a look what the booklet for
RGB(104, 40, 200) contains.

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Color

RGB(104, 40, 200)

Conversions

Conversions Part 1

Format	Color
Hex	6828C8
RGB	104, 40, 200
RGB Percent	41%, 16%, 78%
CMY	0.5922, 0.8431, 0.2157
CMYK	0.48, 0.80, 0.00, 0.22
HSL	264°, 67%, 47%
HSV	264°, 80%, 78%
XYZ	16.8930, 8.6308, 55.4191
YIQ	77.3760, -13.2160, 63.3280

Conversions

Conversions Part 2

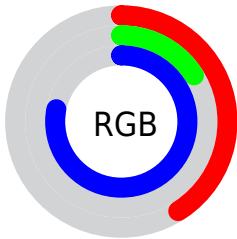
Format	Color
R_{YB}	104, 40, 200
Decimal	6826184
CIE _{Lab}	35.26, 60.16, -71.30
CIE _{LCh}	35, 93.287, 310.155
Yxy	8.6308, 0.2087, 0.1066
Android (android.graphics.Color)	4285016264 (0xFF6828C8)
YUV	77.3760, 60.4536, 23.3492
Hunter-Lab	29.3782, 51.2293, -91.2802

Details

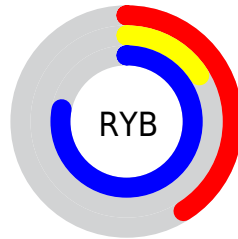
The RGB color **104, 40, 200** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark muted purple. A complement of this color would be **136, 200, 40**, and the grayscale version is **77, 77, 77**.

A 20% lighter version of the original color is **163, 94, 255**, and **38, 0, 145** is the 20% darker color. If you saturate the color by 10%, you get **92, 20, 200**, and if you desaturate by 10%, it is **116, 60, 200**.

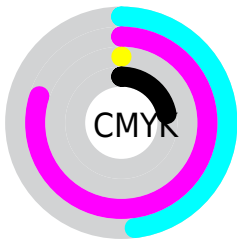
Distribution



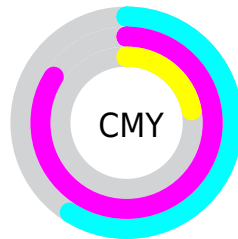
- Red (41%)
- Green (16%)
- Blue (78%)



- Red (41%)
- Yellow (16%)
- Blue (78%)



- Cyan (48%)
- Magenta (80%)
- Yellow (0%)
- Black (22%)



- Cyan (59%)
- Magenta (84%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the RGB color 104, 40, 200 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 104, 40, 200 by changing the saturation by 10% instead.

 104, 40, 200

 104, 40, 200


255, 255, 255

 73, 5, 172

 163, 94, 255

 38, 0, 145

 193, 120, 255

 0, 0, 118

 223, 147, 255

 0, 0, 92

 254, 175, 255

 0, 7, 68

 255, 203, 255

 0, 3, 44

 255, 232, 255

 0, 1, 23

 0, 0, 0

 104, 40, 200

 104, 40, 200

■ 92, 20, 200

■ 116, 60, 200

■ 80, 0, 200

■ 128, 80, 200

■ 140, 100, 200

■ 152, 120, 200

■ 164, 140, 200

■ 176, 160, 200

■ 188, 180, 200

■ 200, 200, 200

■ 212, 220, 200

Harmonies

Analogous

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



0, 87, 235



104, 40, 200



183, 0, 135

Triad

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



104, 40, 200



141, 59, 0



0, 109, 108

Complementary

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



104, 40, 200



136, 200, 40

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, 106, 25



104, 40, 200



79, 89, 0

Square

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



104, 40, 200



185, 0, 0



0, 101, 0



0, 110, 180

Rectangle

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



104, 40, 200



201, 0, 86



0, 101, 0



0, 108, 82

Sweetspot

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



104, 40, 200



218, 194, 255



40, 136, 200



105, 91, 128



0, 0, 0



128, 128, 128

Same Dimension

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



104, 40, 200



108, 10, 255



184, 40, 200



93, 90, 99



65, 0, 163



14, 0, 36

Inverse Universe

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



200, 40, 136



255, 10, 157



56, 200, 40



99, 90, 95



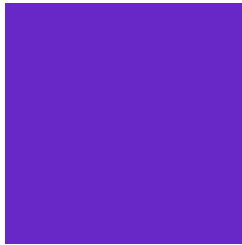
163, 0, 98



36, 0, 21

Previews

White Background



This preview shows how the RGB color 104, 40, 200 looks on a white background.

Color Contrast Check

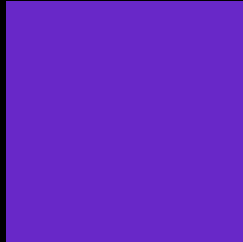
Large Text (above 18pt) WCAG AA ✓ Pass

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 104, 40, 200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

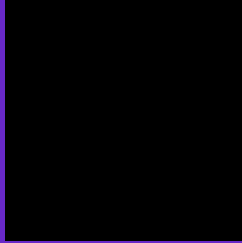
Any Text WCAG AA × Fail

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 104, 40, 200 Background



This preview shows how black text looks on a background with the RGB color 104, 40, 200.

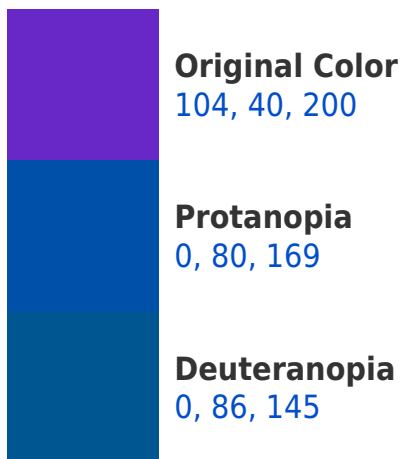


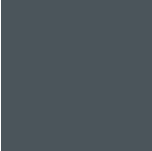
This preview shows how white text looks on a background with the RGB color 104, 40, 200.

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

75, 85, 91

Trichromacy



Original Color

104, 40, 200



Protanomaly

38, 65, 180



Deuteranomaly

38, 69, 165



Tritanomaly

86, 69, 131

Monochromacy



Original Color

104, 40, 200



Achromatopsia

77, 77, 77



Achromatomaly

87, 64, 122

CSS Examples

Text

The CSS property to change the color of the text to RGB 104, 40, 200 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(104, 40, 200)` looks like.

```
.text, #text, p{  
    color:rgb(104, 40, 200)  
}
```

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(104, 40, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 40, 200) }
```

Border

The CSS property to change the border of an element to RGB 104, 40, 200 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(104, 40, 200) }
```

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

```
.border{ border-color:rgb(104, 40, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 40, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 40, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 40, 200);  
box-shadow:4px 4px 4px 4px rgb(104, 40,  
200) }
```

Background

The CSS property to change the background color of an element to RGB 104, 40, 200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 40, 200) }
```

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

```
.background{ background-color: rgb(104, 40,  
200) }
```

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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