

Converting Colors

`RYB(108, 24, 230)`

Have a look what the booklet for
RYB(108, 24, 230) contains.

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Color

R_YB(108, 24, 230)

Conversions

Conversions Part 1

Format	Color
Hex	6C18E6
RGB	108, 24, 230
RGB Percent	42%, 9%, 90%
CMY	0.5765, 0.9059, 0.0980
CMYK	0.53, 0.90, 0.00, 0.10
HSL	264°, 81%, 50%
HSV	264°, 90%, 90%
XYZ	20.7939, 9.5546, 75.6112
YIQ	72.6000, -16.0620, 81.8740

Conversions

Conversions Part 2

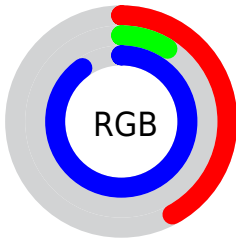
Format	Color
R_{YB}	108, 24, 230
Decimal	7084262
CIE _{Lab}	37.03, 72.70, -85.68
CIE _{LCh}	37, 112.362, 310.315
Yxy	9.5546, 0.1962, 0.0902
Android (android.graphics.Color)	4285274342 (0xFF6C18E6)
YUV	72.6000, 77.5982, 31.0458
Hunter-Lab	30.9105, 65.9860, -123.3939

Details

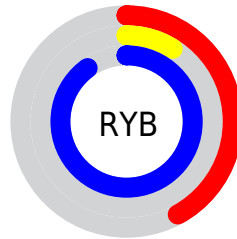
The RYB color **108, 24, 230** is a dark color, and the websafe version is hex **6633FF**. The color can be described as dark washed purple. A complement of this color would be **24, 230, 108**, and the grayscale version is **72, 72, 72**.

A 20% lighter version of the original color is **171, 86, 255**, and **30, 0, 173** is the 20% darker color. If you saturate the color by 10%, you get **94, 1, 230**, and if you desaturate by 10%, it is **122, 47, 230**.

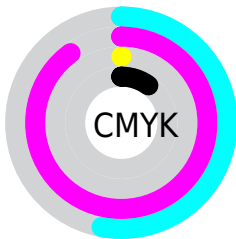
Distribution



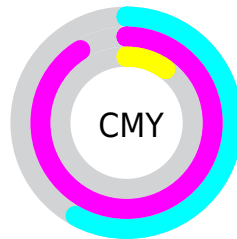
- Red (42%)
- Green (9%)
- Blue (90%)



- Red (42%)
- Yellow (9%)
- Blue (90%)



- Cyan (53%)
- Magenta (90%)
- Yellow (0%)
- Black (10%)





- Cyan (58%)
- Magenta (91%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the RYB color 108, 24, 230 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 RYB color 108, 24, 230 by changing the saturation by 10% instead.

 108, 24, 230

 108, 24, 230


255, 255, 255

 74, 0, 201

 171, 86, 255

 30, 0, 173

 202, 114, 255

 0, 0, 145

 233, 142, 255

 0, 0, 119

 255, 170, 255

 0, 1, 93

 255, 198, 255

 0, 6, 68

 255, 227, 255

 0, 3, 45

 0, 1, 23

 0, 0, 0

■ 108, 24, 230

■ 108, 24, 230

■ 94, 1, 230

■ 122, 47, 230

■ 94, 0, 230

■ 135, 70, 230

■ 149, 93, 230

■ 162, 116, 230

■ 176, 139, 230

■ 190, 162, 230

■ 203, 185, 230

■ 217, 208, 230

■ 230, 231, 230

Harmonies

Analogous

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



0, 69, 255



108, 24, 230



208, 0, 150

Triad

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



108, 24, 230



153, 88, 0



0, 58, 118

Complementary

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



108, 24, 230



24, 230, 108

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, 103, 113



108, 24, 230



0, 94, 16

Square

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



108, 24, 230



206, 0, 0



0, 108, 108



0, 75, 206

Rectangle

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



108, 24, 230



228, 0, 91



0, 108, 108



0, 66, 115

Sweetspot

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



108, 24, 230



214, 186, 255



24, 101, 230



103, 87, 128



0, 0, 0



128, 128, 128

Same Dimension

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



108, 24, 230



104, 0, 255



209, 24, 230



108, 103, 115



73, 0, 179



21, 0, 51

Inverse Universe

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



230, 24, 146



255, 0, 151



24, 230, 209



115, 103, 110



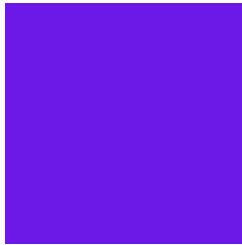
179, 0, 106



51, 0, 30

Previews

White Background



This preview shows how the RYB color 108, 24, 230 looks on a white background.

Color Contrast Check

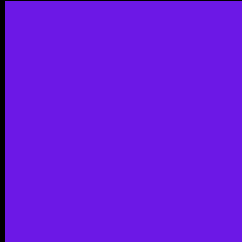
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the RYB color 108, 24, 230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

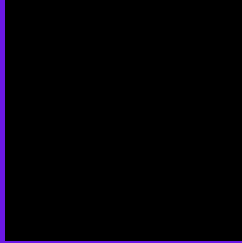
Any Text WCAG AA × Fail

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](#).

RYB 108, 24, 230 Background



This preview shows how black text looks on a background with the RYB color 108, 24, 230.



This preview shows how white text looks on a background with the RYB color 108, 24, 230.

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
108, 24, 230

Protanopia
0, 57, 177

Deuteranopia
0, 57, 152



Tritanopia
66, 80, 99

Trichromacy



Original Color

108, 24, 230



Protanomaly

39, 59, 196



Deuteranomaly

39, 62, 180



Tritanomaly

81, 67, 147

Monochromacy



Original Color

108, 24, 230



Achromatopsia

73, 73, 73



Achromatomaly

86, 55, 130

CSS Examples

Text

The CSS property to change the color of the text to RYB 108, 24, 230 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(108, 24, 230)` looks like.

```
.text, #text, p{  
    color:rgb(108, 24, 230)  
}
```

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(108, 24, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 24, 230) }
```

Border

The CSS property to change the border of an element to RYB 108, 24, 230 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(108, 24, 230) }
```

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

```
.border{ border-color:rgb(108, 24, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 24, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 24, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 24, 230);  
box-shadow:4px 4px 4px 4px rgb(108, 24,  
230) }
```

Background

The CSS property to change the background color of an element to RGB 108, 24, 230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 24, 230) }
```

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

```
.background{ background-color: rgb(108, 24,  
230) }
```

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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