

Converting Colors

`RYB(44, 22, 248)`

Have a look what the booklet for
RYB(44, 22, 248) contains.

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Color

R_YB(44, 22, 248)

Conversions

Conversions Part 1

Format	Color
Hex	2C16F8
RGB	44, 22, 248
RGB Percent	17%, 9%, 97%
CMY	0.8275, 0.9137, 0.0275
CMYK	0.82, 0.91, 0.00, 0.03
HSL	246°, 94%, 53%
HSV	246°, 91%, 97%
XYZ	18.2689, 7.8866, 89.3663
YIQ	54.3420, -59.4340, 74.9500

Conversions

Conversions Part 2

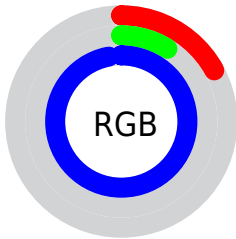
Format	Color
R _Y B	44, 22, 248
Decimal	2889464
CIE Lab	33.75, 74.13, -101.49
CIE LCh	34, 125.680, 306.147
Yxy	7.8866, 0.1581, 0.0683
Android (android.graphics.Color)	4281079544 (0xFF2C16F8)
YUV	54.3420, 95.4734, -9.0699
Hunter-Lab	28.0831, 66.9742, -169.0151

Details

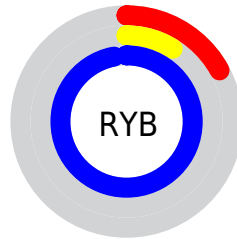
The RYB color **44, 22, 248** is a dark color, and the websafe version is hex **3300FF**. The color can be described as dark washed blue. A complement of this color would be **22, 248, 44**, and the grayscale version is **53, 53, 53**.

A 20% lighter version of the original color is **130, 81, 255**, and **0, 0, 190** is the 20% darker color. If you saturate the color by 10%, you get **24, 0, 248**, and if you desaturate by 10%, it is **66, 47, 248**.

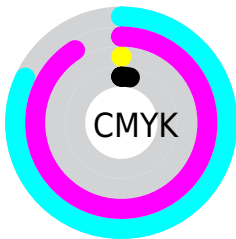
Distribution



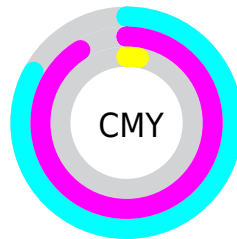
- Red (17%)
- Green (9%)
- Blue (97%)



- Red (17%)
- Yellow (9%)
- Blue (97%)



- Cyan (82%)
- Magenta (91%)
- Yellow (0%)
- Black (3%)



- Cyan (83%)
- Magenta (91%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the RYB color 44, 22, 248 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 44, 22, 248 by changing the saturation by 10% instead.



44, 22, 248



44, 22, 248

255, 255, 255



0, 0, 219



130, 81, 255



0, 0, 190



164, 108, 255



0, 0, 162



197, 135, 255



0, 0, 134



230, 163, 255



0, 13, 108



255, 191, 255



0, 10, 82



255, 220, 255



0, 5, 58



255, 249, 255



0, 2, 36



0, 0, 11

■ 44, 22, 248

■ 44, 22, 248

■ 24, 0, 248

■ 66, 47, 248

■ 89, 72, 248

■ 111, 96, 248

■ 134, 121, 248

■ 156, 146, 248

■ 178, 171, 248

■ 201, 196, 248

■ 223, 220, 248

■ 245, 245, 248

Harmonies

Analogous

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



0, 69, 255



44, 22, 248



201, 0, 163

Triad

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



44, 22, 248



157, 31, 0



0, 56, 108

Complementary

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



44, 22, 248



22, 248, 44

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, 105, 105



44, 22, 248



0, 84, 5

Square

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



44, 22, 248



212, 0, 0



0, 100, 100



0, 71, 199

Rectangle

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



44, 22, 248



230, 0, 98



0, 100, 100



0, 67, 107

Sweetspot

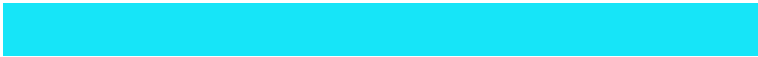
The Sweet Spot groups the original color and five complimentary colors.



44, 22, 248



193, 186, 255



22, 130, 248



91, 87, 128



0, 0, 0



128, 128, 128

Same Dimension

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



44, 22, 248



25, 0, 255



154, 22, 248



114, 112, 125



18, 0, 189



6, 0, 61

Inverse Universe

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



248, 22, 226



255, 0, 230



22, 248, 154



125, 112, 124



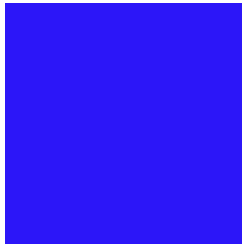
189, 0, 170



61, 0, 55

Previews

White Background



This preview shows how the RYB color 44, 22, 248 looks on a white background.

Color Contrast Check

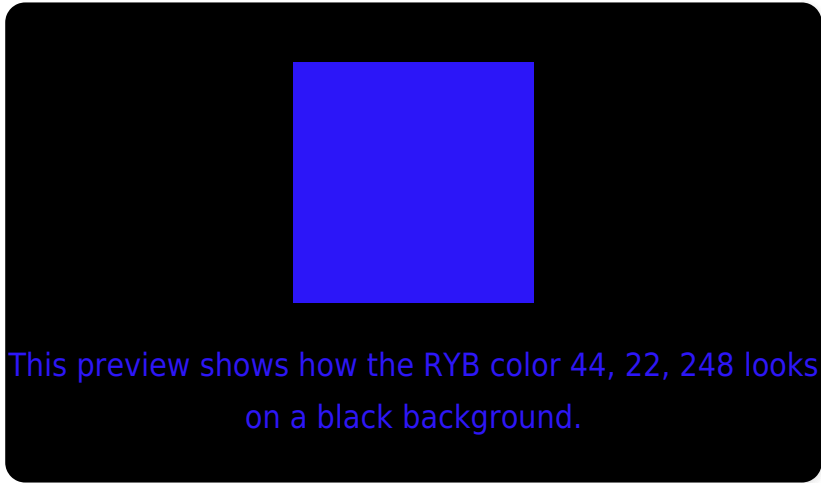
Large Text (above 18pt) WCAG AA ✓ Pass

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](#).

RYP 44, 22, 248 Background



This preview shows how black text looks on a background with the RYP color 44, 22, 248.

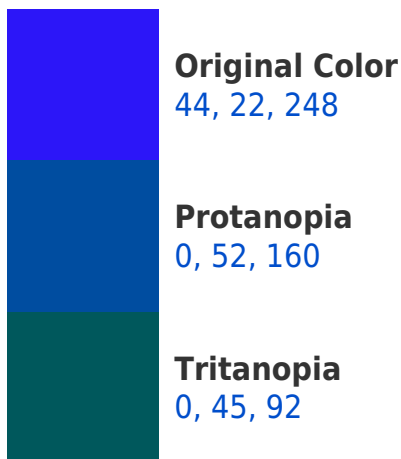


This preview shows how white text looks on a background with the RYP color 44, 22, 248.

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



Trichromacy



Original Color

44, 22, 248

Protanomaly

16, 49, 192

Tritanomaly

16, 51, 149

Monochromacy



Original Color

44, 22, 248

Achromatopsia

54, 54, 54

Achromatomaly

50, 42, 125

CSS Examples

Text

The CSS property to change the color of the text to RYB 44, 22, 248 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(44, 22, 248)` looks like.

```
.text, #text, p{  
    color:rgb(44, 22, 248)  
}
```

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(44, 22, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 22, 248) }
```

Border

The CSS property to change the border of an element to RYB 44, 22, 248 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(44, 22, 248) }
```

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

```
.border{ border-color:rgb(44, 22, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(44, 22, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 22, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 22, 248);  
box-shadow:4px 4px 4px 4px rgb(44, 22,  
248) }
```

Background

The CSS property to change the background color of an element to RYB 44, 22, 248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 22, 248) }
```

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

```
.background{ background-color: rgb(44, 22,  
248) }
```

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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