

Converting Colors

`RYB(224, 11, 128)`

Have a look what the booklet for
RYB(224, 11, 128) contains.

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Color

R_YB(224, 11, 128)

Conversions

Conversions Part 1

Format	Color
Hex	E00B80
RGB	224, 11, 128
RGB Percent	88%, 4%, 50%
CMY	0.1216, 0.9569, 0.4980
CMYK	0.00, 0.95, 0.43, 0.12
HSL	327°, 91%, 46%
HSV	327°, 95%, 88%
XYZ	34.7564, 17.6452, 21.9961
YIQ	88.0250, 89.3910, 81.5430

Conversions

Conversions Part 2

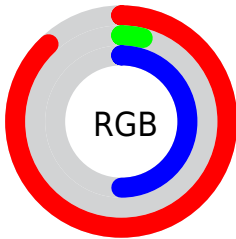
Format	Color
R _Y B	224, 11, 128
Decimal	14683008
CIE Lab	49.06, 77.11, -5.17
CIE LCh	49, 77.279, 356.160
Yxy	17.6452, 0.4672, 0.2372
Android (android.graphics.Color)	4292873088 (0xFFE00B80)
YUV	88.0250, 19.7077, 119.2501
Hunter-Lab	42.0061, 74.1825, -1.6423

Details

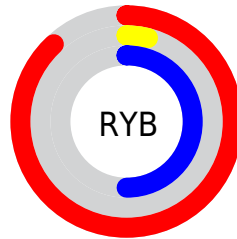
The RYB color **224, 11, 128** is a dark color, and the websafe version is hex **FF3399**. The color can be described as dark washed rose. A complement of this color would be **11, 158, 224**, and the grayscale version is **88, 88, 88**.

A 20% lighter version of the original color is **255, 95, 181**, and **162, 0, 79** is the 20% darker color. If you saturate the color by 10%, you get **224, 0, 123**, and if you desaturate by 10%, it is **224, 33, 138**.

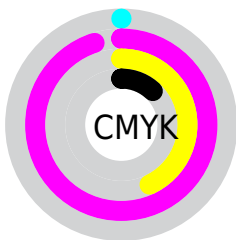
Distribution



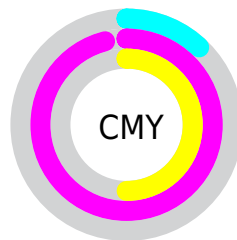
- Red (88%)
- Green (4%)
- Blue (50%)



- Red (88%)
- Yellow (4%)
- Blue (50%)



- Cyan (0%)
- Magenta (95%)
- Yellow (43%)
- Black (12%)




- Cyan (12%)
- Magenta (96%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the RYB color 224, 11, 128 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 224, 11, 128 by changing the saturation by 10% instead.

 224, 11, 128

 224, 11, 128

255, 255, 255

 193, 0, 103

 255, 95, 181

 162, 0, 79

 255, 126, 208

 132, 0, 56

 255, 156, 236

 102, 0, 35

 255, 186, 255


 74, 0, 12

 255, 216, 255

 43, 0, 1

 255, 247, 255

 0, 0, 0

 224, 11, 128


 224, 11, 128


 224, 0, 123


 224, 33, 138


 224, 56, 148


 224, 78, 158

 224, 101, 168

 224, 123, 178

 224, 145, 189

 224, 168, 199

 224, 190, 209

 224, 213, 219

Harmonies

Analogous

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



185, 64, 191



224, 11, 128



225, 37, 64

Triad

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



224, 11, 128



0, 129, 44



0, 86, 226

Complementary

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



224, 11, 128



11, 158, 224

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, 79, 173



224, 11, 128



0, 112, 139

Square

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



224, 11, 128



51, 149, 0



0, 82, 143



0, 85, 249

Rectangle

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



224, 11, 128



209, 86, 17



0, 82, 143



0, 85, 211

Sweetspot

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



224, 11, 128



255, 181, 222



107, 11, 224



128, 83, 107



0, 0, 0



128, 128, 128

Same Dimension

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



224, 11, 128



255, 0, 140



224, 11, 22



112, 101, 107



176, 0, 97



48, 0, 27

Inverse Universe

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



224, 11, 128



255, 0, 140



11, 120, 224



112, 101, 107



176, 0, 97



48, 0, 27

Previews

White Background



This preview shows how the RYB color 224, 11, 128 looks on a white background.

Color Contrast Check

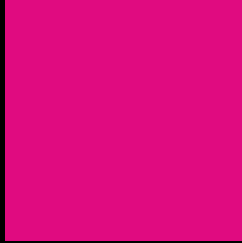
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 224, 11, 128 looks on a black 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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 224, 11, 128 Background



This preview shows how black text looks on a background with the RYB color 224, 11, 128.



This preview shows how white text looks on a background with the RYB color 224, 11, 128.

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

224, 11, 128

Protanopia

93, 111, 183

Deuteranopia

129, 114, 118



Tritanopia
220, 51, 53

Trichromacy



Original Color

224, 11, 128



Protanomaly

141, 78, 163



Deuteranomaly

164, 77, 122



Tritanomaly

221, 36, 80

Monochromacy



Original Color

224, 11, 128



Achromatopsia

88, 88, 88



Achromatomaly

137, 60, 103

CSS Examples

Text

The CSS property to change the color of the text to RYB 224, 11, 128 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(224, 11, 128)` looks like.

```
.text, #text, p{  
    color:rgb(224, 11, 128)  
}
```

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(224, 11, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 11, 128) }
```

Border

The CSS property to change the border of an element to RYB 224, 11, 128 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(224, 11, 128) }
```

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

```
.border{ border-color:rgb(224, 11, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 11, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 11, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 11, 128);  
box-shadow:4px 4px 4px 4px rgb(224, 11,  
128) }
```

Background

The CSS property to change the background color of an element to RGB 224, 11, 128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 11, 128) }
```

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

```
.background{ background-color: rgb(224, 11,  
128) }
```

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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