

Converting Colors

`RYB(235, 32, 115)`

Have a look what the booklet for
RYB(235, 32, 115) contains.

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Color

`RYB(235, 32, 115)`

Conversions

Conversions Part 1

Format	Color
Hex	EB2073
RGB	235, 32, 115
RGB Percent	92%, 13%, 45%
CMY	0.0784, 0.8745, 0.5490
CMYK	0.00, 0.86, 0.51, 0.08
HSL	335°, 84%, 52%
HSV	335°, 86%, 92%
XYZ	37.8720, 19.9330, 18.0710
YIQ	102.1590, 94.3450, 68.8490

Conversions

Conversions Part 2

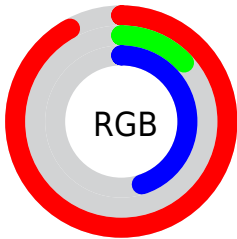
Format	Color
R_{YB}	235, 32, 115
Decimal	15409267
CIE _{Lab}	51.76, 75.85, 6.92
CIE _{LCh}	52, 76.168, 5.212
Yxy	19.9330, 0.4991, 0.2627
Android (android.graphics.Color)	4293599347 (0xFFEB2073)
YUV	102.1590, 6.3306, 116.5016
Hunter-Lab	44.6464, 73.2842, 7.2543

Details

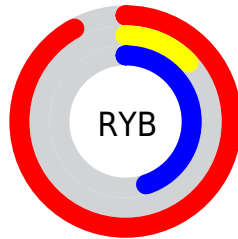
The RYB color **235, 32, 115** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **32, 160, 235**, and the grayscale version is **102, 102, 102**.

A 20% lighter version of the original color is **255, 104, 167**, and **172, 0, 68** is the 20% darker color. If you saturate the color by 10%, you get **235, 8, 101**, and if you desaturate by 10%, it is **235, 55, 129**.

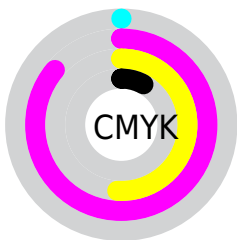
Distribution



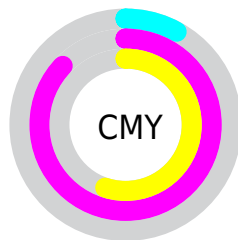
- Red (92%)
- Green (13%)
- Blue (45%)



- Red (92%)
- Yellow (13%)
- Blue (45%)



- Cyan (0%)
- Magenta (86%)
- Yellow (51%)
- Black (8%)




- Cyan (8%)
- Magenta (87%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the RYB color 235, 32, 115 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 235, 32, 115 by changing the saturation by 10% instead.

 235, 32, 115

 235, 32, 115

255, 255, 255

 204, 0, 91

 255, 104, 167

 172, 0, 68

 255, 135, 194

 141, 0, 46

 255, 165, 221

 111, 0, 26

 255, 194, 250

 82, 0, 4

 255, 224, 255

 50, 0, 2

 0, 0, 0

 235, 32, 115

 235, 32, 115

 235, 8, 101

 235, 55, 129

■ 235, 0, 96

■ 235, 79, 143

■ 235, 102, 157

■ 235, 126, 171

■ 235, 149, 184

■ 235, 173, 198

■ 235, 196, 212

■ 235, 220, 226

■ 235, 240, 243

Harmonies

Analogous

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



208, 60, 179



235, 32, 115



226, 63, 52

Triad

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



235, 32, 115



0, 140, 71



0, 90, 243

Complementary

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



235, 32, 115



32, 160, 235

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, 86, 198



235, 32, 115



0, 103, 148

Square

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



235, 32, 115



17, 140, 0



0, 80, 151



0, 85, 255

Rectangle

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



235, 32, 115



205, 154, 0



0, 80, 151



0, 90, 231

Sweetspot

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



235, 32, 115



255, 189, 216



150, 32, 235



128, 88, 104



0, 0, 0



128, 128, 128

Same Dimension

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



235, 32, 115



255, 0, 104



235, 51, 32



117, 106, 110



181, 0, 74



54, 0, 22

Inverse Universe

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



235, 32, 115



255, 0, 104



32, 129, 235



117, 106, 110



181, 0, 74



54, 0, 22

Previews

White Background



This preview shows how the RYB color 235, 32, 115 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the RYB color 235, 32, 115 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 235, 32, 115 Background



This preview shows how black text looks on a background with the RYB color 235, 32, 115.



This preview shows how white text looks on a background with the RYB color 235, 32, 115.

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
232, 53, 54

Trichromacy



Original Color

235, 32, 115



Protanomaly

158, 90, 145



Deuteranomaly

176, 87, 109



Tritanomaly

233, 45, 76

Monochromacy



Original Color

235, 32, 115



Achromatopsia

102, 102, 102



Achromatomaly

150, 77, 107

CSS Examples

Text

The CSS property to change the color of the text to RYB 235, 32, 115 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(235, 32, 115)` looks like.

```
.text, #text, p{  
    color:rgb(235, 32, 115)  
}
```

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(235, 32, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 32, 115) }
```

Border

The CSS property to change the border of an element to RYB 235, 32, 115 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(235, 32, 115) }
```

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

```
.border{ border-color:rgb(235, 32, 115) }
```

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

Here you see how a box with a 4 pixel rgb(235, 32, 115) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 32, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 32, 115);  
box-shadow:4px 4px 4px 4px rgb(235, 32,  
115) }
```

Background

The CSS property to change the background color of an element to RGB 235, 32, 115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 32, 115) }
```

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

```
.background{ background-color: rgb(235, 32,  
115) }
```

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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