

Converting Colors

`RYB(225, 15, 110)`

Have a look what the booklet for
RYB(225, 15, 110) contains.

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Color

R_YB(225, 15, 110)

Conversions

Conversions Part 1

Format	Color
Hex	E10F6E
RGB	225, 15, 110
RGB Percent	88%, 6%, 43%
CMY	0.1176, 0.9412, 0.5686
CMYK	0.00, 0.93, 0.51, 0.12
HSL	333°, 88%, 47%
HSV	333°, 93%, 88%
XYZ	34.0366, 17.4750, 16.3309
YIQ	88.6200, 94.6650, 74.0650

Conversions

Conversions Part 2

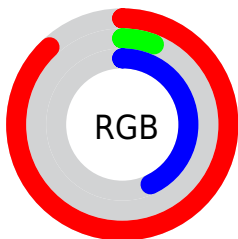
Format	Color
R _Y B	225, 15, 110
Decimal	14749550
CIE Lab	48.85, 75.52, 5.55
CIE LCh	49, 75.728, 4.205
Yxy	17.4750, 0.5017, 0.2576
Android (android.graphics.Color)	4292939630 (0xFFE10F6E)
YUV	88.6200, 10.5403, 119.6053
Hunter-Lab	41.8031, 72.1816, 6.0997

Details

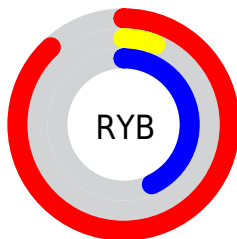
The RYB color **225, 15, 110** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **15, 151, 225**, and the grayscale version is **88, 88, 88**.

A 20% lighter version of the original color is **255, 96, 161**, and **163, 0, 63** is the 20% darker color. If you saturate the color by 10%, you get **225, 0, 102**, and if you desaturate by 10%, it is **225, 38, 122**.

Distribution



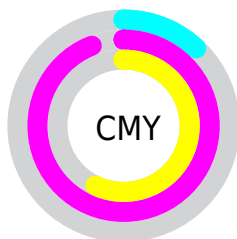
- Red (88%)
- Green (6%)
- Blue (43%)



- Red (88%)
- Yellow (6%)
- Blue (43%)



- Cyan (0%)
- Magenta (93%)
- Yellow (51%)
- Black (12%)





- Cyan (12%)
- Magenta (94%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the RYB color 225, 15, 110 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 225, 15, 110 by changing the saturation by 10% instead.

 225, 15, 110

 225, 15, 110

255, 255, 255

 194, 0, 86

 255, 96, 161

 163, 0, 63

 255, 127, 188

 132, 0, 42

 255, 156, 216

 102, 0, 21

 255, 186, 244


 73, 0, 4

 255, 216, 255

 41, 0, 1

 255, 246, 255

 0, 0, 0

 225, 15, 110


 225, 15, 110

 225, 0, 102


 225, 38, 122

 225, 60, 135


 225, 83, 147

 225, 105, 159

 225, 127, 172

 225, 150, 184

 225, 173, 196

 225, 195, 209

 225, 218, 221

Harmonies

Analogous

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



197, 53, 173



225, 15, 110



217, 52, 48

Triad

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



225, 15, 110



0, 132, 68



0, 86, 232

Complementary

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



225, 15, 110



15, 151, 225

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, 81, 187



225, 15, 110



0, 100, 140

Square

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



225, 15, 110



18, 133, 0



0, 77, 143



0, 82, 246

Rectangle

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



225, 15, 110



197, 132, 0



0, 77, 143



0, 86, 220

Sweetspot

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



225, 15, 110



255, 184, 216



127, 15, 225



128, 84, 104



0, 0, 0



128, 128, 128

Same Dimension

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



225, 15, 110



255, 0, 115



225, 22, 15



112, 101, 106



176, 0, 80



48, 0, 22

Inverse Universe

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



225, 15, 110



255, 0, 115



15, 118, 225



112, 101, 106



176, 0, 80



48, 0, 22

Previews

White Background



This preview shows how the RYB color 225, 15, 110 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 225, 15, 110 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 225, 15, 110 Background



This preview shows how black text looks on a background with the RYB color 225, 15, 110.



This preview shows how white text looks on a background with the RYB color 225, 15, 110.

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

225, 15, 110

Protanopia

105, 114, 158

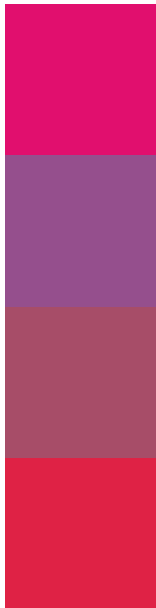
Deuteranopia

134, 120, 101



Tritanopia
222, 45, 45

Trichromacy



Original Color
225, 15, 110

Protanomaly
149, 79, 141

Deuteranomaly
167, 77, 104

Tritanomaly
223, 34, 69

Monochromacy



Original Color
225, 15, 110

Achromatopsia
89, 89, 89

Achromatomaly
138, 62, 97

CSS Examples

Text

The CSS property to change the color of the text to RYB 225, 15, 110 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(225, 15, 110)` looks like.

```
.text, #text, p{  
    color:rgb(225, 15, 110)  
}
```

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(225, 15, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 15, 110) }
```

Border

The CSS property to change the border of an element to RYB 225, 15, 110 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(225, 15, 110) }
```

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

```
.border{ border-color:rgb(225, 15, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 15, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 15, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 15, 110);  
box-shadow:4px 4px 4px 4px rgb(225, 15,  
110) }
```

Background

The CSS property to change the background color of an element to RGB 225, 15, 110 is called "background".

The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 15, 110) }
```

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

```
.background{ background-color: rgb(225, 15,  
110) }
```

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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