

Converting Colors

`RYB(225, 3, 125)`

Have a look what the booklet for
RYB(225, 3, 125) contains.

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Color

R_YB(225, 3, 125)

Conversions

Conversions Part 1

Format	Color
Hex	E1037D
RGB	225, 3, 125
RGB Percent	88%, 1%, 49%
CMY	0.1176, 0.9882, 0.5098
CMYK	0.00, 0.99, 0.44, 0.12
HSL	327°, 97%, 45%
HSV	327°, 99%, 88%
XYZ	34.7856, 17.5533, 20.9568
YIQ	83.2860, 93.1500, 85.0060

Conversions

Conversions Part 2

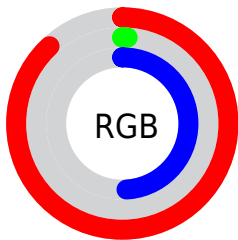
Format	Color
R_{YB}	225, 3, 125
Decimal	14746493
CIE Lab	48.95, 77.69, -3.49
CIE LCh	49, 77.771, 357.427
Yxy	17.5533, 0.4746, 0.2395
Android (android.graphics.Color)	4292936573 (0xFFE1037D)
YUV	83.2860, 20.5650, 124.2832
Hunter-Lab	41.8967, 74.8839, -0.3292

Details

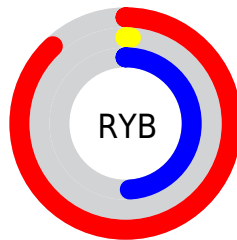
The RYB color **225, 3, 125** is a dark color, and the websafe version is hex **FF3399**. The color can be described as dark washed rose. A complement of this color would be **3, 156, 225**, and the grayscale version is **83, 83, 83**.

A 20% lighter version of the original color is **255, 94, 177**, and **163, 0, 76** is the 20% darker color. If you saturate the color by 10%, you get **225, 0, 124**, and if you desaturate by 10%, it is **225, 25, 135**.

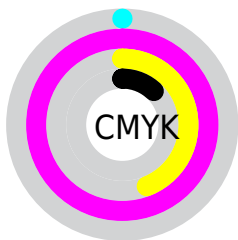
Distribution



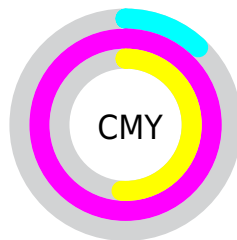
- Red (88%)
- Green (1%)
- Blue (49%)



- Red (88%)
- Yellow (1%)
- Blue (49%)



- Cyan (0%)
- Magenta (99%)
- Yellow (44%)
- Black (12%)



- Cyan (12%)
- Magenta (99%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the RYB color 225, 3, 125 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, 3, 125 by changing the saturation by 10% instead.



225, 3, 125



225, 3, 125

255, 255, 255



194, 0, 100



255, 94, 177



163, 0, 76



255, 125, 205



133, 0, 54



255, 155, 233



103, 0, 33



255, 185, 255



75, 0, 8



255, 215, 255



43, 0, 1



255, 245, 255



0, 0, 0



225, 3, 125



225, 3, 125



225, 0, 124



225, 25, 135

■ 225, 48, 145

■ 225, 70, 155

■ 225, 93, 166

■ 225, 115, 176

■ 225, 138, 186

■ 225, 160, 196

■ 225, 183, 206

■ 225, 206, 216

Harmonies

Analogous

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



187, 61, 188



225, 3, 125



224, 37, 60

Triad

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



225, 3, 125



0, 130, 48



0, 87, 228

Complementary

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



225, 3, 125



3, 156, 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, 79, 176



225, 3, 125



0, 110, 139

Square

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



225, 3, 125



44, 146, 0



0, 81, 143



0, 84, 250

Rectangle

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



225, 3, 125



207, 93, 11



0, 81, 143



0, 85, 213

Sweetspot

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



225, 3, 125



255, 179, 221



103, 3, 225



128, 82, 107



0, 0, 0



128, 128, 128

Same Dimension

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



225, 3, 125



255, 0, 140



225, 3, 14



112, 101, 107



176, 0, 97



48, 0, 27

Inverse Universe

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



225, 3, 125



255, 0, 140



3, 117, 225



112, 101, 107



176, 0, 97



48, 0, 27

Previews

White Background



This preview shows how the RYB color 225, 3, 125 looks on a white background.

Color Contrast Check

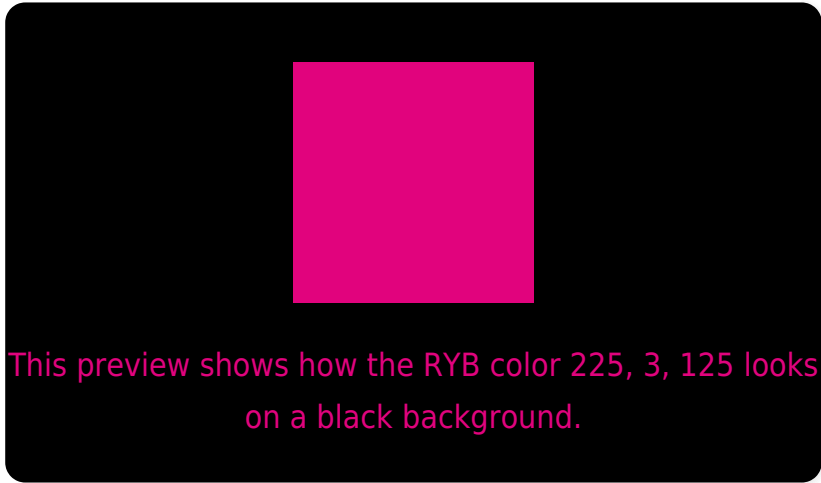
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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, 3, 125 Background



This preview shows how black text looks on a background with the RYB color 225, 3, 125.

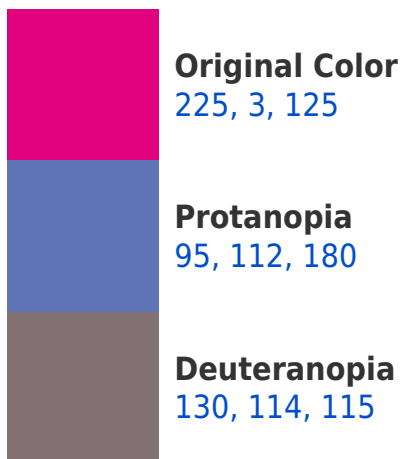


This preview shows how white text looks on a background with the RYB color 225, 3, 125.

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
221, 50, 50

Trichromacy



Original Color

225, 3, 125



Protanomaly

142, 75, 160



Deuteranomaly

165, 74, 119



Tritanomaly

222, 33, 77

Monochromacy



Original Color

225, 3, 125



Achromatopsia

83, 83, 83



Achromatomaly

135, 54, 98

CSS Examples

Text

The CSS property to change the color of the text to RYB 225, 3, 125 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, 3, 125)` looks like.

```
.text, #text, p{  
    color:rgb(225, 3, 125)  
}
```

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, 3, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 3, 125) }
```

Border

The CSS property to change the border of an element to RYB 225, 3, 125 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, 3, 125) }
```

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

```
.border{ border-color:rgb(225, 3, 125) }
```

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

Here you see how a box with a 4 pixel rgb(225, 3, 125) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 3, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 3, 125);  
box-shadow:4px 4px 4px 4px rgb(225, 3,  
125) }
```

Background

The CSS property to change the background color of an element to RGB 225, 3, 125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 3, 125) }
```

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

```
.background{ background-color: rgb(225, 3,  
125) }
```

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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