

Converting Colors

`RYB(240, 16, 124)`

Have a look what the booklet for
RYB(240, 16, 124) contains.

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Color

`RYB(240, 16, 124)`

Conversions

Conversions Part 1

Format	Color
Hex	F0107C
RGB	240, 16, 124
RGB Percent	94%, 6%, 49%
CMY	0.0588, 0.9373, 0.5137
CMYK	0.00, 0.93, 0.48, 0.06
HSL	331°, 88%, 50%
HSV	331°, 93%, 94%
XYZ	39.7586, 20.3511, 20.9014
YIQ	95.2880, 98.8360, 81.0760

Conversions

Conversions Part 2

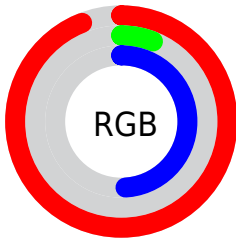
Format	Color
R_{YB}	240, 16, 124
Decimal	15732860
CIE _{Lab}	52.23, 79.84, 2.27
CIE _{LCh}	52, 79.868, 1.628
Yxy	20.3511, 0.4908, 0.2512
Android (android.graphics.Color)	4293922940 (0xFFFF0107C)
YUV	95.2880, 14.1550, 126.9124
Hunter-Lab	45.1122, 78.3705, 4.1082

Details

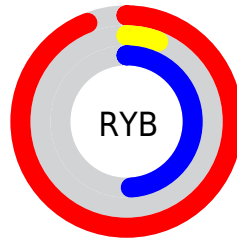
The RYB color **240, 16, 124** is a dark color, and the websafe version is hex **FF3399**. The color can be described as dark washed rose. A complement of this color would be **16, 164, 240**, and the grayscale version is **95, 95, 95**.

A 20% lighter version of the original color is **255, 100, 176**, and **177, 0, 76** is the 20% darker color. If you saturate the color by 10%, you get **240, 0, 116**, and if you desaturate by 10%, it is **240, 40, 136**.

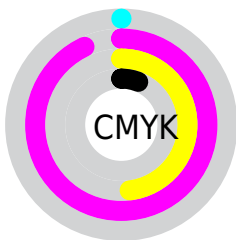
Distribution



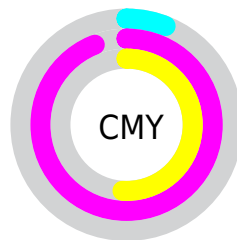
- Red (94%)
- Green (6%)
- Blue (49%)



- Red (94%)
- Yellow (6%)
- Blue (49%)



- Cyan (0%)
- Magenta (93%)
- Yellow (48%)
- Black (6%)



















- Cyan (6%)
- Magenta (94%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the RYB color 240, 16, 124 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 240, 16, 124 by changing the saturation by 10% instead.

 240, 16, 124	 240, 16, 124
255, 255, 255	 208, 0, 99
 255, 100, 176	 177, 0, 76
 255, 131, 204	 146, 0, 53
 255, 161, 232	 115, 0, 33
 255, 191, 255	 86, 0, 8
 255, 222, 255	 55, 0, 2
 255, 252, 255	 8, 0, 0
	 0, 0, 0

 240, 16, 124	 240, 16, 124
--	--

■ 240, 0, 116

■ 240, 40, 136

■ 240, 64, 149

■ 240, 88, 161

■ 240, 112, 174

■ 240, 136, 186

■ 240, 160, 199

■ 240, 184, 211

■ 240, 208, 223

■ 240, 232, 236

Harmonies

Analogous

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



207, 61, 191



240, 16, 124



235, 52, 57

Triad

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



240, 16, 124



0, 140, 63



0, 92, 246

Complementary

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



240, 16, 124



16, 164, 240

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, 195



240, 16, 124



0, 110, 149

Square

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



240, 16, 124



30, 148, 0



0, 84, 153



0, 87, 255

Rectangle

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



240, 16, 124



215, 133, 0



0, 84, 153



0, 91, 232

Sweetspot

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



240, 16, 124



255, 184, 218



132, 16, 240



128, 84, 105



0, 0, 0



128, 128, 128

Same Dimension

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



240, 16, 124



255, 0, 123



240, 20, 16



120, 108, 114



184, 0, 89



56, 0, 27

Inverse Universe

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



240, 16, 124



255, 0, 123



16, 127, 240



120, 108, 114



184, 0, 89



56, 0, 27

Previews

White Background



This preview shows how the RYB color 240, 16, 124 looks on a white background.

Color Contrast Check

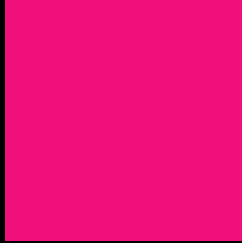
Large Text (above 18pt) WCAG AA ✓ Pass

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 240, 16, 124 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 240, 16, 124 Background



This preview shows how black text looks on a background with the RYB color 240, 16, 124.



This preview shows how white text looks on a background with the RYB color 240, 16, 124.

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
236, 51, 51

Trichromacy



Original Color

240, 16, 124



Protanomaly

157, 85, 158



Deuteranomaly

178, 83, 118



Tritanomaly

237, 38, 78

Monochromacy



Original Color

240, 16, 124



Achromatopsia

95, 95, 95



Achromatomaly

148, 66, 106

CSS Examples

Text

The CSS property to change the color of the text to RYB 240, 16, 124 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(240, 16, 124)` looks like.

```
.text, #text, p{  
    color:rgb(240, 16, 124)  
}
```

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(240, 16, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 16, 124) }
```

Border

The CSS property to change the border of an element to RYB 240, 16, 124 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(240, 16, 124) }
```

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

```
.border{ border-color:rgb(240, 16, 124) }
```

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

Here you see how a box with a 4 pixel rgb(240, 16, 124) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 16, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 16, 124);  
box-shadow:4px 4px 4px 4px rgb(240, 16,  
124) }
```

Background

The CSS property to change the background color of an element to RGB 240, 16, 124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 16, 124) }
```

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

```
.background{ background-color: rgb(240, 16,  
124) }
```

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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