

Converting Colors

`RYB(145, 24, 89)`

Have a look what the booklet for
RYB(145, 24, 89) contains.

RYB(145, 24, 89)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

`RYB(145, 24, 89)`

Conversions

Conversions Part 1	
Format	Color
Hex	911859
RGB	145, 24, 89
RGB Percent	57%, 9%, 35%
CMY	0.4314, 0.9059, 0.6510
CMYK	0.00, 0.83, 0.39, 0.43
HSL	328°, 72%, 33%
HSV	328°, 83%, 57%
XYZ	13.8069, 7.3943, 10.1507
YIQ	67.5890, 51.2510, 45.8670

Conversions

Conversions Part 2

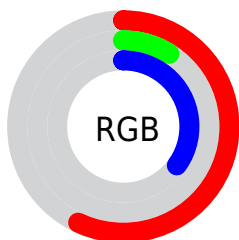
Format	Color
RYB	145, 24, 89
Decimal	9508953
CIELab	32.69, 52.98, -6.74
CIELCh	33, 53.403, 352.748
Yxy	7.3943, 0.4404, 0.2358
Android (android.graphics.Color)	4287699033 (0xFF911859)
YUV	67.5890, 10.5556, 67.8894
Hunter-Lab	27.1924, 43.0460, -3.0978

Details

The RYB color **145, 24, 89** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **24, 107, 145**, and the grayscale version is **67, 67, 67**.

A 20% lighter version of the original color is **203, 83, 139**, and **89, 0, 44** is the 20% darker color. If you saturate the color by 10%, you get **145, 10, 82**, and if you desaturate by 10%, it is **145, 39, 96**.

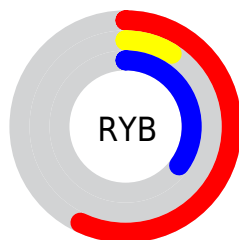
Distribution



Red (57%)

Green (9%)

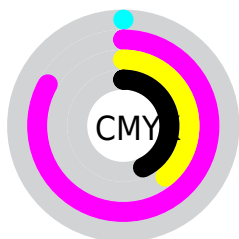
Blue (35%)



Red (57%)

Yellow (9%)

Blue (35%)

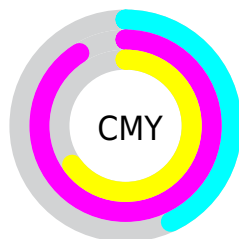


Cyan (0%)

Magenta (83%)

Yellow (39%)

Black (43%)



Cyan (43%)
















Magenta (91%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the RYB color 145, 24, 89 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 145, 24, 89 by changing the saturation by 10% instead.


 145, 24, 89	 145, 24, 89
 255, 255, 255	 117, 0, 66
 203, 83, 139	 89, 0, 44
 232, 111, 165	 63, 0, 23
 255, 138, 192	 35, 0, 1
 255, 166, 220	 0, 0, 0
 255, 194, 249	
 255, 223, 255	
 255, 252, 255	

 145, 24, 89	 145, 24, 89
---	---

 145, 10, 82

 145, 39, 96


 145, 0, 78


 145, 53, 102


 145, 67, 109


 145, 82, 116

 145, 97, 123

 145, 111, 129

 145, 126, 136

 145, 140, 143

 145, 152, 155

Harmonies

Analogous

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



116, 48, 129



145, 24, 89



148, 29, 47

Triad

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



145, 24, 89



0, 84, 20



0, 57, 144

Complementary

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



145, 24, 89



24, 107, 145

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, 51, 108



145, 24, 89



0, 75, 91

Square

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



145, 24, 89



44, 103, 0



0, 56, 94



0, 56, 161

Rectangle

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



145, 24, 89



139, 50, 20



0, 56, 94



0, 55, 134

Sweetspot

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



145, 24, 89



189, 142, 167



78, 24, 145



94, 66, 81



222, 222, 222



94, 94, 94

Same Dimension

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



145, 24, 89



189, 0, 101



145, 24, 30



71, 64, 68



135, 0, 73



8, 0, 4

Inverse Universe

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



145, 24, 89



189, 0, 101



24, 86, 145



71, 64, 68



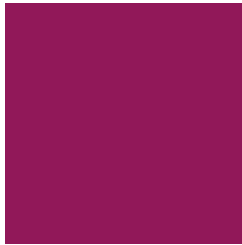
135, 0, 73



8, 0, 4

Previews

White Background



This preview shows how the RYB color 145, 24, 89 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 ✓ Pass

Black Background



This preview shows how the RYB color 145, 24, 89 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

RYB 145, 24, 89 Background



This preview shows how black text looks on a background with the RYB color 145, 24, 89.



This preview shows how white text looks on a background with the RYB color 145, 24, 89.

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

145, 24, 89

Protanopia

62, 74, 123

Deuteranopia

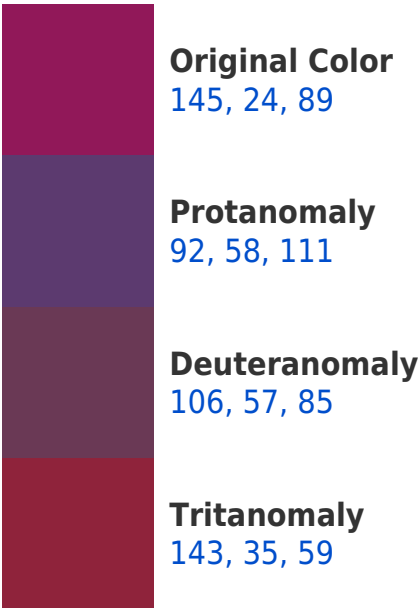
84, 76, 83



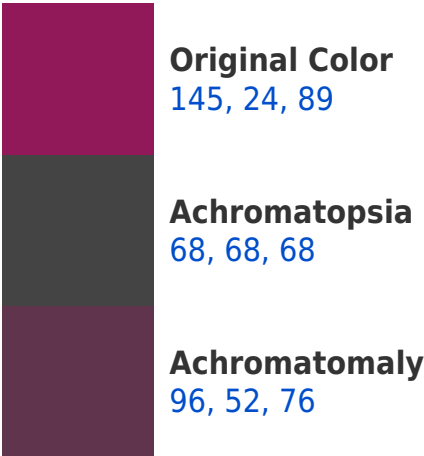
Tritanopia

142, 41, 42

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RGB 145, 24, 89 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(145, 24, 89) looks like.

```
.text, #text, p{  
    color:rgb(145, 24, 89)  
}
```

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(145, 24, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 24, 89) }
```

Border

The CSS property to change the border of an element to RYB 145, 24, 89 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(145, 24, 89) }
```

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

```
.border{ border-color:rgb(145, 24, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 24, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 24, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 24, 89);  
box-shadow:4px 4px 4px 4px rgb(145, 24,  
89) }
```

Background

The CSS property to change the background color of an element to RGB 145, 24, 89 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 24, 89) }
```

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

```
.background{ background-color: rgb(145, 24,  
89) }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor