

Converting Colors

`RYB(145, 91, 164)`

Have a look what the booklet for
RYB(145, 91, 164) contains.

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Color

R_YB(145, 91, 164)

Conversions

Conversions Part 1

Format	Color
Hex	915BA4
RGB	145, 91, 164
RGB Percent	57%, 36%, 64%
CMY	0.4314, 0.6431, 0.3569
CMYK	0.12, 0.45, 0.00, 0.36
HSL	284°, 29%, 50%
HSV	284°, 45%, 64%
XYZ	22.1190, 16.1822, 37.0796
YIQ	115.4680, 8.7510, 34.1510

Conversions

Conversions Part 2

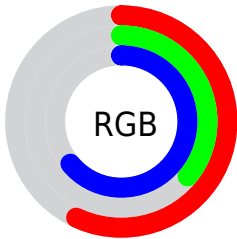
Format	Color
R_{YB}	145, 91, 164
Decimal	9526180
CIE _{Lab}	47.21, 35.08, -30.68
CIE _{LCh}	47, 46.601, 318.829
Yxy	16.1822, 0.2934, 0.2147
Android (android.graphics.Color)	4287716260 (0xFF915BA4)
YUV	115.4680, 23.9263, 25.8996
Hunter-Lab	40.2272, 27.7510, -26.4919

Details

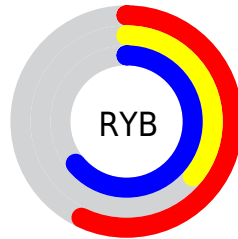
The RYB color **145, 91, 164** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **91, 164, 145**, and the grayscale version is **115, 115, 115**.

A 20% lighter version of the original color is **200, 142, 219**, and **93, 43, 112** is the 20% darker color. If you saturate the color by 10%, you get **141, 75, 164**, and if you desaturate by 10%, it is **149, 107, 164**.

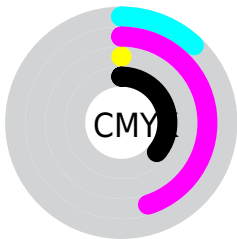
Distribution



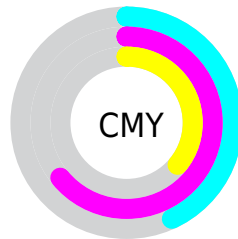
- Red (57%)
- Green (36%)
- Blue (64%)



- Red (57%)
- Yellow (36%)
- Blue (64%)



- Cyan (12%)
- Magenta (45%)
- Yellow (0%)
- Black (36%)




- Cyan (43%)
- Magenta (64%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RYB color 145, 91, 164 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, 91, 164 by changing the saturation by 10% instead.

 145, 91, 164

 145, 91, 164

255, 255, 255

 118, 66, 137

 200, 142, 219

 93, 43, 112

 229, 169, 248

 68, 18, 87


 255, 197, 255

 43, 0, 63

 255, 225, 255

 22, 0, 41


255, 254, 255

 0, 1, 19

 0, 0, 0

 145, 91, 164

 145, 91, 164

 141, 75, 164

 149, 107, 164


 136, 58, 164

 154, 124, 164

 132, 42, 164


 158, 140, 164


 128, 25, 164

 162, 157, 164

 124, 9, 164

 164, 173, 171

 121, 0, 164

 164, 189, 182

 164, 206, 195

 164, 222, 207

 164, 239, 220

Harmonies

Analogous

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



86, 104, 186



145, 91, 164



176, 78, 128

Triad

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



145, 91, 164



91, 145, 30



0, 67, 136

Complementary

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



145, 91, 164



91, 164, 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, 75, 130



145, 91, 164



31, 117, 39

Square

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



145, 91, 164



172, 104, 54



58, 126, 122



0, 73, 170

Rectangle

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



145, 91, 164



183, 76, 102



58, 126, 122



0, 68, 131

Sweetspot

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



145, 91, 164



207, 186, 214



91, 106, 164



103, 90, 107



235, 235, 235



107, 107, 107

Same Dimension

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



145, 91, 164



185, 101, 214



164, 91, 147



79, 73, 82



108, 0, 145



13, 0, 18

Inverse Universe

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



164, 91, 110



214, 101, 130



91, 150, 164



82, 73, 76



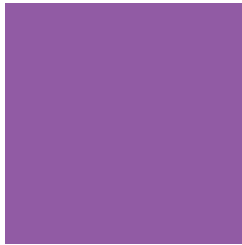
145, 0, 38



18, 0, 5

Previews

White Background



This preview shows how the RYB color 145, 91, 164 looks on a white background.

Color Contrast Check

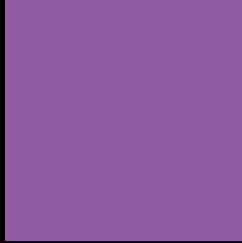
Large Text (above 18pt) WCAG AA ✓ Pass

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 145, 91, 164 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

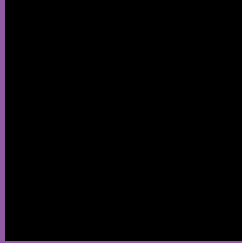
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

RYB 145, 91, 164 Background



This preview shows how black text looks on a background with the RYB color 145, 91, 164.

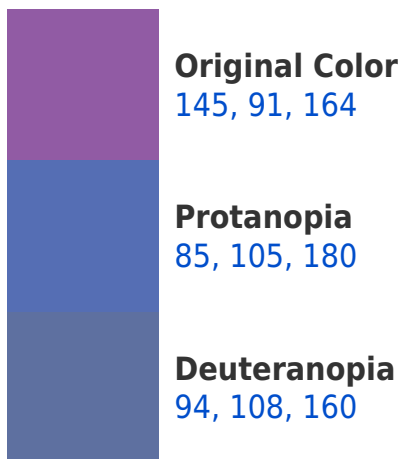



This preview shows how white text looks on a background with the RYB color 145, 91, 164.

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
137, 103, 111

Trichromacy



Original Color
145, 91, 164

Protanomaly
107, 103, 174

Deuteranomaly
113, 104, 161

Tritanomaly
140, 99, 130

Monochromacy



Original Color
145, 91, 164

Achromatopsia
115, 115, 115

Achromatomaly
126, 106, 133

CSS Examples

Text

The CSS property to change the color of the text to RYB 145, 91, 164 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, 91, 164)` looks like.

```
.text, #text, p{  
    color:rgb(145, 91, 164)  
}
```

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, 91, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 91, 164) }
```

Border

The CSS property to change the border of an element to RYB 145, 91, 164 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, 91, 164) }
```

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

```
.border{ border-color:rgb(145, 91, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 91, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 91, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 91, 164);  
box-shadow:4px 4px 4px 4px rgb(145, 91,  
164) }
```

Background

The CSS property to change the background color of an element to RGB 145, 91, 164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 91, 164) }
```

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

```
.background{ background-color: rgb(145, 91,  
164) }
```

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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