

Converting Colors

`RYB(164, 124, 194)`

Have a look what the booklet for
RYB(164, 124, 194) contains.

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Color

R_YB(164, 124, 194)

Conversions

Conversions Part 1

Format	Color
Hex	A47CC2
RGB	164, 124, 194
RGB Percent	64%, 49%, 76%
CMY	0.3569, 0.5137, 0.2392
CMYK	0.15, 0.36, 0.00, 0.24
HSL	274°, 36%, 62%
HSV	274°, 36%, 76%
XYZ	32.2551, 26.2029, 54.3966
YIQ	143.9400, 1.3700, 30.2500

Conversions

Conversions Part 2

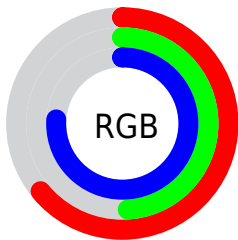
Format	Color
RYB	164, 124, 194
Decimal	10779842
CIELab	58.23, 28.80, -30.72
CIElCh	58, 42.108, 313.161
Yxy	26.2029, 0.2858, 0.2322
Android (android.graphics.Color)	4288969922 (0xFFA47CC2)
YUV	143.9400, 24.6796, 17.5926
Hunter-Lab	51.1887, 22.8963, -27.1734

Details

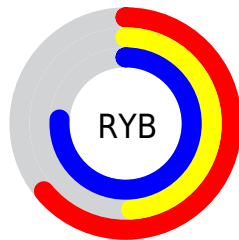
The RYB color **164, 124, 194** is a light color, and the websafe version is hex **996699**. A complement of this color would be **124, 194, 164**, and the grayscale version is **144, 144, 144**.

A 20% lighter version of the original color is **220, 177, 251**, and **111, 74, 140** is the 20% darker color. If you saturate the color by 10%, you get **156, 105, 194**, and if you desaturate by 10%, it is **172, 143, 194**.

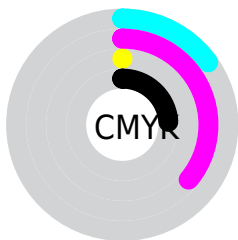
Distribution



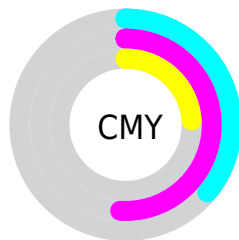
- Red (64%)
- Green (49%)
- Blue (76%)



- Red (64%)
- Yellow (49%)
- Blue (76%)



- Cyan (15%)
- Magenta (36%)
- Yellow (0%)
- Black (24%)




- Cyan (36%)
- Magenta (51%)
- Yellow (24%)


Brightness & Saturation Gradients

These gradients show how the RYB color 164, 124, 194 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 164, 124, 194 by changing the saturation by 10% instead.


 164, 124, 194

255, 255, 255


 220, 177, 251

 249, 205, 255


 255, 233, 255

 164, 124, 194

 137, 99, 167

 111, 74, 140

 86, 51, 114


 61, 28, 89


 37, 6, 66

 16, 0, 43


 0, 1, 21

 0, 0, 0


 164, 124, 194


 164, 124, 194

 156, 105, 194


 172, 143, 194

 147, 85, 194

 181, 163, 194

 139, 66, 194

 189, 182, 194

 131, 46, 194


 194, 202, 199

 122, 27, 194

 194, 221, 209

 114, 8, 194

 194, 240, 220

 111, 0, 194

 194, 255, 227

 194, 255, 218

 194, 255, 210

Harmonies

Analogous

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



109, 132, 212



164, 124, 194



198, 112, 162

Triad

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



164, 124, 194



157, 180, 69



0, 80, 159

Complementary

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



164, 124, 194



124, 194, 164

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.



49, 115, 157



164, 124, 194



69, 146, 66

Square

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



164, 124, 194



202, 125, 91



84, 152, 130



0, 86, 189

Rectangle

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



164, 124, 194



208, 109, 137



84, 152, 130



0, 84, 159

Sweetspot

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



164, 124, 194



241, 225, 252



124, 145, 194



120, 111, 128



0, 0, 0



128, 128, 128

Same Dimension

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



164, 124, 194



206, 144, 252



194, 124, 189



93, 87, 97



92, 0, 161



19, 0, 33

Inverse Universe

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



194, 124, 154



252, 144, 190



124, 189, 194



97, 87, 91



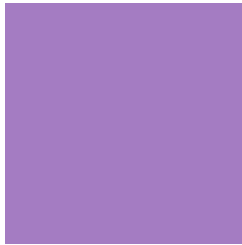
161, 0, 69



33, 0, 14

Previews

White Background



This preview shows how the RYB color 164, 124, 194 looks on a white background.

Color Contrast Check

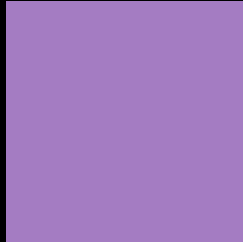
Large Text (above 18pt) WCAG AA ✓ Pass

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 164, 124, 194 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

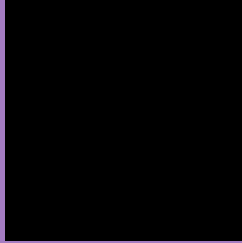
Any Text WCAG AA ✓ Pass

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 164, 124, 194 Background



This preview shows how black text looks on a background with the RYB color 164, 124, 194.

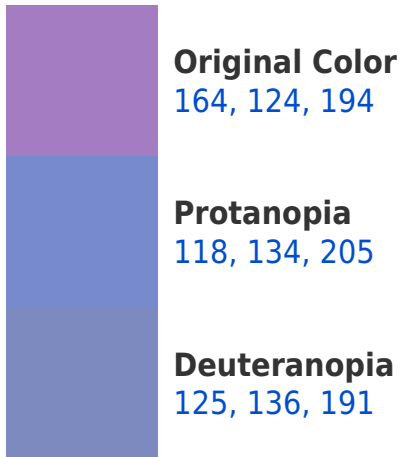



This preview shows how white text looks on a background with the RYB color 164, 124, 194.

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
156, 134, 145

Trichromacy



Original Color
164, 124, 194

Protanomaly
135, 133, 201

Deuteranomaly
139, 133, 192

Tritanomaly
159, 130, 163

Monochromacy



Original Color
164, 124, 194

Achromatopsia
144, 144, 144

Achromatomaly
151, 137, 162

CSS Examples

Text

The CSS property to change the color of the text to RYB 164, 124, 194 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(164, 124, 194)` looks like.

```
.text, #text, p{  
    color:rgb(164, 124, 194)  
}
```

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(164, 124, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 124, 194) }
```

Border

The CSS property to change the border of an element to RYB 164, 124, 194 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(164, 124, 194) }
```

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

```
.border{ border-color:rgb(164, 124, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 124, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 124, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 124, 194);  
box-shadow:4px 4px 4px 4px rgb(164, 124,  
194) }
```

Background

The CSS property to change the background color of an element to RYB 164, 124, 194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 124, 194) }
```

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

```
.background{ background-color: rgb(164,  
124, 194) }
```

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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