

Converting Colors

`RYB(114, 124, 194)`

Have a look what the booklet for
RYB(114, 124, 194) contains.

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Color

`RYB(114, 124, 194)`

Conversions

Conversions Part 1

Format	Color
Hex	727DC2
RGB	114, 125, 194
RGB Percent	45%, 49%, 76%
CMY	0.5529, 0.5081, 0.2392
CMYK	0.41, 0.35, 0.00, 0.24
HSL	231°, 40%, 60%
HSV	231°, 41%, 76%
XYZ	24.0650, 22.2484, 54.0649
YIQ	129.5770, -28.7050, 19.1270

Conversions

Conversions Part 2

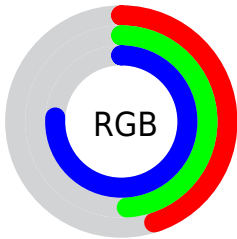
Format	Color
R _Y B	114, 124, 194
Decimal	7503298
CIE Lab	54.29, 13.34, -37.18
CIE LCh	54, 39.506, 289.739
Yxy	22.2484, 0.2397, 0.2216
Android (android.graphics.Color)	4285693378 (0xFF727DC2)
YUV	129.5770, 31.7605, -13.6610
Hunter-Lab	47.1682, 8.5255, -34.9413

Details

The RYB color **114, 124, 194** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **127, 194, 114**, and the grayscale version is **130, 130, 130**.

A 20% lighter version of the original color is **169, 176, 251**, and **60, 73, 140** is the 20% darker color. If you saturate the color by 10%, you get **95, 107, 194**, and if you desaturate by 10%, it is **133, 141, 194**.

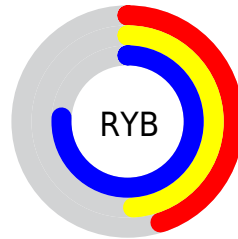
Distribution



Red (45%)

Green (49%)

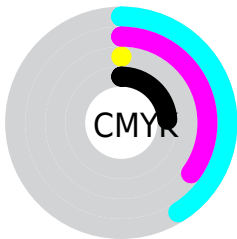
Blue (76%)



Red (45%)

Yellow (49%)

Blue (76%)

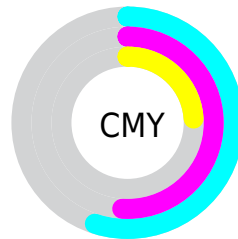


Cyan (41%)

Magenta (35%)

Yellow (0%)

Black (24%)



Cyan (55%)


Magenta (51%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RYB color 114, 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 114, 124, 194 by changing the saturation by 10% instead.


 114, 124, 194

255, 255, 255

 169, 177, 251

 197, 204, 255

 226, 232, 255

 114, 124, 194

 87, 99, 167

 61, 74, 140

 32, 49, 114


 0, 24, 89

 0, 9, 65

 0, 3, 43

 0, 1, 21

 0, 0, 0

 114, 124, 194

 114, 124, 194

■ 95, 107, 194

■ 133, 141, 194

■ 75, 90, 194

■ 153, 158, 194

■ 56, 73, 194

■ 172, 175, 194

■ 36, 56, 194

■ 192, 192, 194

■ 17, 39, 194

■ 196, 211, 194

■ 0, 24, 194

■ 200, 230, 194

■ 203, 250, 194

■ 194, 255, 194

Harmonies

Analogous

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



37, 99, 197



114, 124, 194



161, 112, 174

Triad

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



114, 124, 194



184, 125, 79



27, 96, 147

Complementary

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



114, 124, 194



127, 194, 114

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.



84, 143, 138



114, 124, 194



121, 161, 62

Square

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



114, 124, 194



195, 103, 109



63, 135, 70



0, 75, 152

Rectangle

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



114, 124, 194



181, 105, 154



63, 135, 70



54, 113, 146

Sweetspot

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



114, 124, 194



222, 226, 252



114, 157, 194



110, 112, 128



0, 0, 0



128, 128, 128

Same Dimension

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



114, 124, 194



129, 144, 252



142, 114, 194



87, 89, 97



0, 20, 161



0, 4, 33

Inverse Universe

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



194, 114, 125



252, 129, 146



114, 194, 142



97, 87, 89



161, 0, 23



33, 0, 5

Previews

White Background



This preview shows how the RYB color 114, 124, 194 looks on a white background.

Color Contrast Check

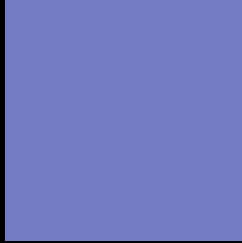
Large Text (above 18pt) WCAG AA ✓ Pass

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 114, 124, 194 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

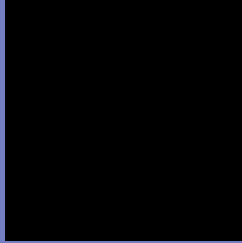
Any Text WCAG AA ✓ Pass

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 114, 124, 194 Background



This preview shows how black text looks on a background with the RYB color 114, 124, 194.

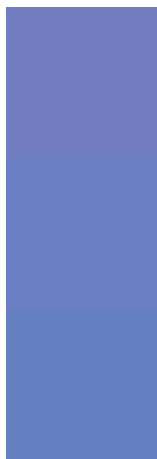


This preview shows how white text looks on a background with the RYB color 114, 124, 194.

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



Original Color

114, 124, 194

Protanopia

106, 123, 196

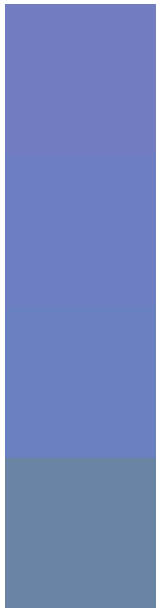
Deuteranopia

101, 122, 193



Tritanopia
102, 121, 146

Trichromacy



Original Color

114, 124, 194

Protanomaly

109, 123, 195

Deuteranomaly

106, 124, 193

Tritanomaly

106, 124, 163

Monochromacy



Original Color

114, 124, 194

Achromatopsia

130, 130, 130

Achromatomaly

124, 128, 153

CSS Examples

Text

The CSS property to change the color of the text to RYB 114, 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(114, 125, 194)` looks like.

```
.text, #text, p{  
    color:rgb(114, 125, 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(114, 125, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 125, 194) }
```

Border

The CSS property to change the border of an element to RYB 114, 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(114, 125, 194) }
```

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

```
.border{ border-color:rgb(114, 125, 194) }
```

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

Here you see how a box with a 4 pixel rgb(114, 125, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 125, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 125, 194);  
box-shadow:4px 4px 4px 4px rgb(114, 125,  
194) }
```

Background

The CSS property to change the background color of an element to RYB 114, 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(114, 125, 194) }
```

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

```
.background{ background-color: rgb(114,  
125, 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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