

Converting Colors

`RYB(124, 106, 206)`

Have a look what the booklet for
RYB(124, 106, 206) contains.

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Color

R_YB(124, 106, 206)

Conversions

Conversions Part 1

Format	Color
Hex	7C6ACE
RGB	124, 106, 206
RGB Percent	49%, 42%, 81%
CMY	0.5137, 0.5843, 0.1922
CMYK	0.40, 0.49, 0.00, 0.19
HSL	251°, 51%, 61%
HSV	251°, 49%, 81%
XYZ	24.6068, 19.0494, 60.7725
YIQ	122.7820, -21.3720, 34.9160

Conversions

Conversions Part 2

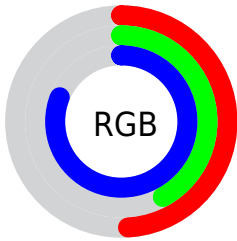
Format	Color
R_{YB}	124, 106, 206
Decimal	8153806
CIE _{Lab}	50.74, 30.98, -49.59
CIE _{LCh}	51, 58.471, 301.991
Yxy	19.0494, 0.2356, 0.1824
Android (android.graphics.Color)	4286343886 (0xFF7C6ACE)
YUV	122.7820, 41.0265, 1.0682
Hunter-Lab	43.6456, 24.2561, -52.0040

Details

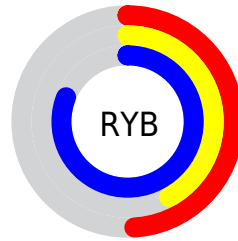
The RYB color **124, 106, 206** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **106, 206, 124**, and the grayscale version is **122, 122, 122**.

A 20% lighter version of the original color is **180, 158, 255**, and **69, 58, 151** is the 20% darker color. If you saturate the color by 10%, you get **107, 85, 206**, and if you desaturate by 10%, it is **141, 127, 206**.

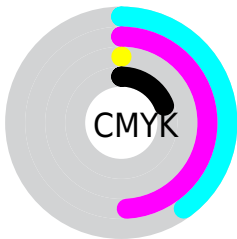
Distribution



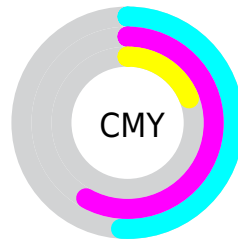
- Red (49%)
- Green (42%)
- Blue (81%)



- Red (49%)
- Yellow (42%)
- Blue (81%)



- Cyan (40%)
- Magenta (49%)
- Yellow (0%)
- Black (19%)





- Cyan (51%)
- Magenta (58%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the RYB color 124, 106, 206 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 124, 106, 206 by changing the saturation by 10% instead.

 124, 106, 206

 124, 106, 206

255, 255, 255

 96, 82, 178

 180, 158, 255

 69, 58, 151

 209, 185, 255

 39, 36, 125

 238, 212, 255

 0, 13, 99


 255, 241, 255


 0, 0, 75

 0, 4, 51

 0, 2, 29

 0, 0, 0

 124, 106, 206

 124, 106, 206

■ 107, 85, 206

■ 141, 127, 206

■ 90, 65, 206

■ 158, 147, 206

■ 73, 44, 206

■ 175, 168, 206

■ 56, 24, 206

■ 192, 188, 206

■ 40, 3, 206

■ 206, 209, 207

■ 37, 0, 206

■ 206, 230, 211

■ 206, 250, 214

■ 206, 255, 206

Harmonies

Analogous

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



0, 80, 221



124, 106, 206



183, 83, 169

Triad

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



124, 106, 206



181, 166, 27



0, 78, 144

Complementary

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



124, 106, 206



106, 206, 124

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, 93, 140



124, 106, 206



26, 142, 0

Square

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



124, 106, 206



205, 80, 71



23, 133, 65



0, 78, 172

Rectangle

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



124, 106, 206



203, 71, 136



23, 133, 65



0, 82, 143

Sweetspot

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



124, 106, 206



224, 217, 255



106, 151, 206



109, 105, 128



0, 0, 0



128, 128, 128

Same Dimension

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



124, 106, 206



134, 107, 255



173, 106, 206



94, 92, 102



30, 0, 166



7, 0, 38

Inverse Universe

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



206, 106, 188



255, 107, 228



106, 206, 173



102, 92, 100



166, 0, 136



38, 0, 31

Previews

White Background



This preview shows how the RYB color 124, 106, 206 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 124, 106, 206 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

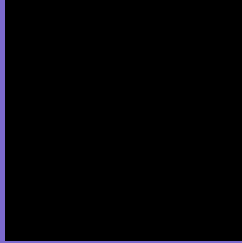
Any Text WCAG AA ✓ Pass

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 124, 106, 206 Background



This preview shows how black text looks on a background with the RYB color 124, 106, 206.

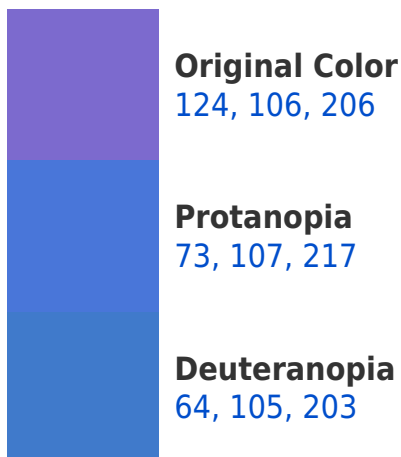


This preview shows how white text looks on a background with the RYB color 124, 106, 206.

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
107, 117, 133

Trichromacy



Original Color
124, 106, 206

Protanomaly
92, 110, 213

Deuteranomaly
86, 110, 204

Tritanomaly
113, 117, 160

Monochromacy



Original Color
124, 106, 206

Achromatopsia
123, 123, 123

Achromatomaly
123, 117, 153

CSS Examples

Text

The CSS property to change the color of the text to RYB 124, 106, 206 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(124, 106, 206)` looks like.

```
.text, #text, p{  
    color:rgb(124, 106, 206)  
}
```

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(124, 106, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 106, 206) }
```

Border

The CSS property to change the border of an element to RYB 124, 106, 206 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(124, 106, 206) }
```

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

```
.border{ border-color:rgb(124, 106, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 106, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 106, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 106, 206);  
box-shadow:4px 4px 4px 4px rgb(124, 106,  
206) }
```

Background

The CSS property to change the background color of an element to RYB 124, 106, 206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 106, 206) }
```

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

```
.background{ background-color: rgb(124,  
106, 206) }
```

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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