

Converting Colors

`RYB(110, 137, 212)`

Have a look what the booklet for
RYB(110, 137, 212) contains.

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Color

R_YB(110, 137, 212)

Conversions

Conversions Part 1

Format	Color
Hex	6E93D4
RGB	110, 147, 212
RGB Percent	43%, 58%, 83%
CMY	0.5686, 0.4246, 0.1686
CMYK	0.48, 0.31, 0.00, 0.17
HSL	218°, 54%, 63%
HSV	218°, 48%, 83%
XYZ	28.7043, 28.8489, 66.3429
YIQ	143.3470, -42.9170, 12.3710

Conversions

Conversions Part 2

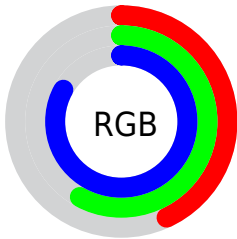
Format	Color
R _Y B	110, 137, 212
Decimal	7246804
CIE Lab	60.65, 5.08, -37.40
CIE LCh	61, 37.746, 277.734
Yxy	28.8489, 0.2317, 0.2328
Android (android.graphics.Color)	4285436884 (0xFF6E93D4)
YUV	143.3470, 33.8459, -29.2453
Hunter-Lab	53.7112, 1.3993, -35.6359

Details

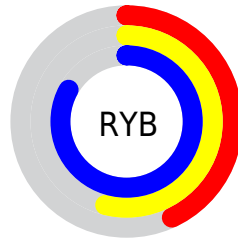
The RYB color **110, 137, 212** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **168, 212, 110**, and the grayscale version is **143, 143, 143**.

A 20% lighter version of the original color is **166, 191, 255**, and **53, 84, 157** is the 20% darker color. If you saturate the color by 10%, you get **89, 121, 212**, and if you desaturate by 10%, it is **131, 152, 212**.

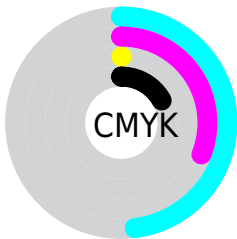
Distribution



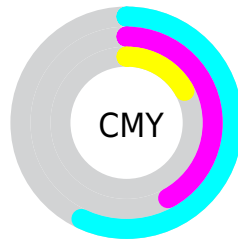
- Red (43%)
- Green (58%)
- Blue (83%)



- Red (43%)
- Yellow (54%)
- Blue (83%)



- Cyan (48%)
- Magenta (31%)
- Yellow (0%)
- Black (17%)




- Cyan (57%)
- Magenta (42%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the RYB color 110, 137, 212 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 110, 137, 212 by changing the saturation by 10% instead.

 110, 137, 212


255, 255, 255


 166, 191, 255

 195, 216, 255

 224, 240, 255

253, 254, 255

 110, 137, 212

 82, 110, 184

 53, 84, 157

 15, 54, 131

 0, 34, 105

 0, 22, 81


 0, 4, 57


 0, 2, 35


 0, 0, 10


 0, 0, 0


 110, 137, 212

 110, 137, 212

 89, 121, 212

 131, 152, 212

 68, 106, 212

 152, 168, 212

 46, 90, 212

 174, 184, 212

 25, 74, 212

 195, 199, 212

 4, 59, 212

 213, 216, 212

 0, 56, 212

 226, 237, 212

 231, 255, 212

 212, 255, 212

Harmonies

Analogous

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



37, 107, 207



110, 137, 212



161, 134, 199

Triad

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



110, 137, 212



206, 129, 107



80, 135, 162

Complementary

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



110, 137, 212



168, 212, 110

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.



92, 156, 125



110, 137, 212



188, 186, 85

Square

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



110, 137, 212



210, 120, 139



93, 159, 79



3, 86, 164

Rectangle

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



110, 137, 212



186, 127, 182



93, 159, 79



96, 149, 160

Sweetspot

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



110, 137, 212



219, 229, 255



110, 172, 212



106, 112, 128



0, 0, 0



128, 128, 128

Same Dimension

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



110, 137, 212



107, 146, 255



124, 110, 212



96, 99, 107



0, 46, 171



0, 12, 43

Inverse Universe

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



212, 110, 147



255, 107, 160



110, 212, 124



107, 96, 100



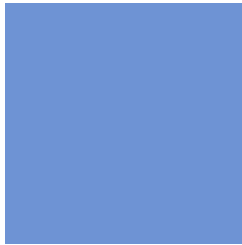
171, 0, 62



43, 0, 16

Previews

White Background



This preview shows how the RYB color 110, 137, 212 looks on a white background.

Color Contrast Check

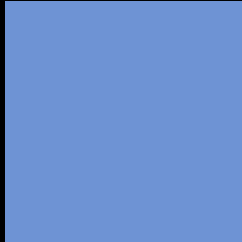
Large Text (above 18pt) WCAG AA ✓ Pass

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 110, 137, 212 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

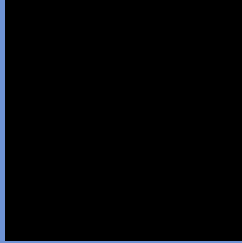
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

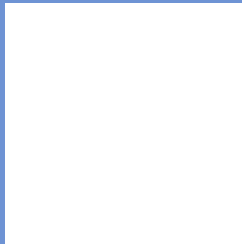
Any Text WCAG AAA × Fail

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

RYB 110, 137, 212 Background



This preview shows how black text looks on a background with the RYB color 110, 137, 212.



This preview shows how white text looks on a background with the RYB color 110, 137, 212.

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
110, 137, 212

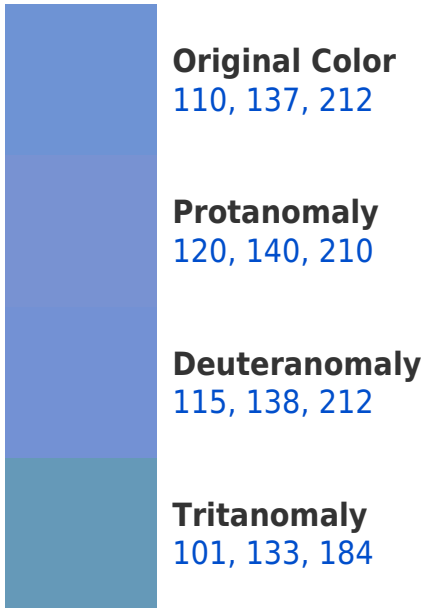
Protanopia
125, 140, 209

Deuteranopia
118, 139, 212

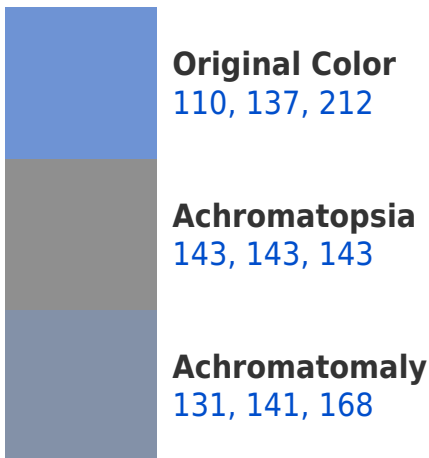


Tritanopia
96, 128, 168

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RGB 110, 137, 212 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(110, 147, 212) looks like.

```
.text, #text, p{  
    color:rgb(110, 147, 212)  
}
```

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(110, 147, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 147, 212) }
```

Border

The CSS property to change the border of an element to RYB 110, 137, 212 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(110, 147, 212) }
```

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

```
.border{ border-color:rgb(110, 147, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 147, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 147, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 147, 212);  
box-shadow:4px 4px 4px 4px rgb(110, 147,  
212) }
```

Background

The CSS property to change the background color of an element to RYB 110, 137, 212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 147, 212) }
```

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

```
.background{ background-color: rgb(110,  
147, 212) }
```

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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