

Converting Colors

RGB(120, 145, 210)

Have a look what the booklet for
RGB(120, 145, 210) contains.

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Color

RGB(120, 145, 210)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 7891D2 |
| RGB | 120, 145, 210 |
| RGB Percent | 47%, 57%, 82% |
| CMY | 0.5294, 0.4314, 0.1765 |
| CMYK | 0.43, 0.31, 0.00, 0.18 |
| HSL | 223°, 50%, 65% |
| HSV | 223°, 43%, 82% |
| XYZ | 29.5040, 28.8970, 64.9954 |
| YIQ | 144.9350, -35.7650, 14.9150 |

Conversions

Conversions Part 2

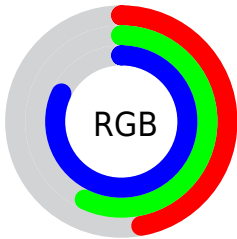
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 120, 140, 210 |
| Decimal | 7901650 |
| CIE Lab | 60.69, 7.98, -36.17 |
| CIE LCh | 61, 37.043, 282.445 |
| Yxy | 28.8970, 0.2391, 0.2342 |
| Android (android.graphics.Color) | 4286091730 (0xFF7891D2) |
| YUV | 144.9350, 32.0770, -21.8680 |
| Hunter-Lab | 53.7559, 3.8970, -34.0574 |

Details

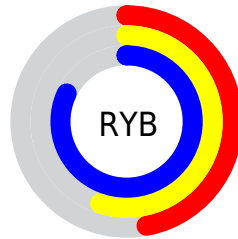
The RGB color **120, 145, 210** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **210, 185, 120**, and the grayscale version is **145, 145, 145**.

A 20% lighter version of the original color is **175, 199, 255**, and **65, 95, 155** is the 20% darker color. If you saturate the color by 10%, you get **99, 130, 210**, and if you desaturate by 10%, it is **141, 160, 210**.

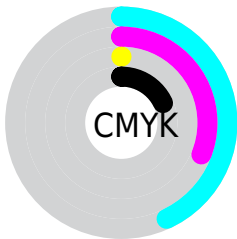
Distribution



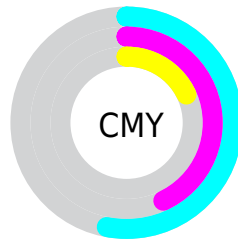
- Red (47%)
- Green (57%)
- Blue (82%)



- Red (47%)
- Yellow (55%)
- Blue (82%)



- Cyan (43%)
- Magenta (31%)
- Yellow (0%)
- Black (18%)




- Cyan (53%)
- Magenta (43%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the RGB color 120, 145, 210 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 RGB color 120, 145, 210 by changing the saturation by 10% instead.


 120, 145, 210


255, 255, 255

 175, 199, 255

 204, 227, 255

 233, 255, 255

 120, 145, 210

 93, 119, 182

 65, 95, 155

 36, 71, 129

 0, 49, 103

 0, 29, 79

 0, 1, 56


 0, 2, 34


 0, 0, 7


 0, 0, 0


 120, 145, 210

 120, 145, 210

 99, 130, 210

 141, 160, 210

 78, 115, 210

 162, 175, 210

 57, 99, 210

 183, 191, 210

 36, 84, 210

 204, 206, 210

 15, 69, 210

 225, 221, 210

 0, 58, 210

 246, 236, 210

 255, 251, 210

 255, 255, 210

Harmonies

Analogous

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



56, 155, 208



120, 145, 210



167, 133, 195

Triad

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



120, 145, 210



204, 127, 104



75, 162, 126

Complementary

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



120, 145, 210



210, 185, 120

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.



118, 157, 97



120, 145, 210



184, 138, 84

Square

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



120, 145, 210



210, 120, 134



154, 149, 81



0, 164, 159

Rectangle

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



120, 145, 210



190, 126, 177



154, 149, 81



90, 161, 115

Sweetspot

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



120, 145, 210



222, 231, 255



120, 210, 185



107, 113, 128



0, 0, 0



128, 128, 128

Same Dimension

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



120, 145, 210



125, 161, 255



140, 120, 210



94, 97, 105



0, 47, 168



0, 11, 41

Inverse Universe

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



210, 120, 145



255, 125, 161



191, 210, 120



105, 94, 97



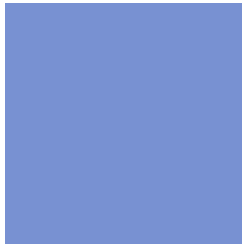
168, 0, 47



41, 0, 11

Previews

White Background



This preview shows how the RGB color 120, 145, 210 looks on a white background.

Color Contrast Check

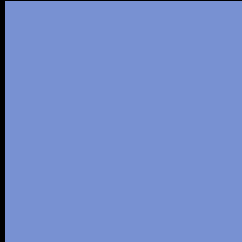
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the RGB color 120, 145, 210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

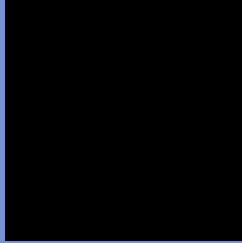
Any Text WCAG AA ✓ Pass

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](#).

RGB 120, 145, 210 Background



This preview shows how black text looks on a background with the RGB color 120, 145, 210.

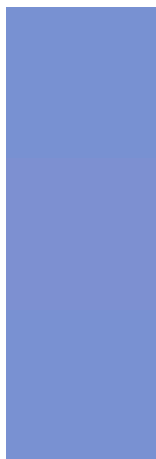


This preview shows how white text looks on a background with the RGB color 120, 145, 210.

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


120, 145, 210

Protanopia

125, 144, 209

Deuteranopia

121, 145, 210



Tritanopia
108, 154, 166

Trichromacy



Original Color

120, 145, 210

Protanomaly

123, 144, 209

Deuteranomaly

121, 145, 210

Tritanomaly

112, 151, 182

Monochromacy



Original Color

120, 145, 210

Achromatopsia

145, 145, 145

Achromatomaly

136, 145, 169

CSS Examples

Text

The CSS property to change the color of the text to RGB 120, 145, 210 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(120, 145, 210)` looks like.

```
.text, #text, p{  
    color:rgb(120, 145, 210)  
}
```

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(120, 145, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 145, 210) }
```

Border

The CSS property to change the border of an element to RGB 120, 145, 210 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(120, 145, 210) }
```

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

```
.border{ border-color:rgb(120, 145, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 145, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 145, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 145, 210);  
box-shadow:4px 4px 4px 4px rgb(120, 145,  
210) }
```

Background

The CSS property to change the background color of an element to RGB 120, 145, 210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 145, 210) }
```

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

```
.background{ background-color: rgb(120,  
145, 210) }
```

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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