

Converting Colors

RGB(135, 135, 162)

Have a look what the booklet for
RGB(135, 135, 162) contains.

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Color

RGB(135, 135, 162)

Conversions

Conversions Part 1

Format	Color
Hex	8787A2
RGB	135, 135, 162
RGB Percent	53%, 53%, 64%
CMY	0.4706, 0.4706, 0.3647
CMYK	0.17, 0.17, 0.00, 0.36
HSL	240°, 13%, 58%
HSV	240°, 17%, 64%
XYZ	25.1772, 25.0875, 37.6978
YIQ	138.0780, -8.6670, 8.3970

Conversions

Conversions Part 2

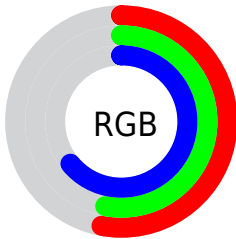
Format	Color
R_{YB}	135, 135, 162
Decimal	8882082
CIE _{Lab}	57.16, 5.77, -14.30
CIE _{LCh}	57, 15.418, 291.967
Yxy	25.0875, 0.2862, 0.2852
Android (android.graphics.Color)	4287072162 (0xFF8787A2)
YUV	138.0780, 11.7935, -2.6994
Hunter-Lab	50.0874, 2.0729, -9.5629

Details

The RGB color **135, 135, 162** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **162, 162, 135**, and the grayscale version is **138, 138, 138**.

A 20% lighter version of the original color is **188, 188, 217**, and **85, 85, 110** is the 20% darker color. If you saturate the color by 10%, you get **119, 119, 162**, and if you desaturate by 10%, it is **151, 151, 162**.

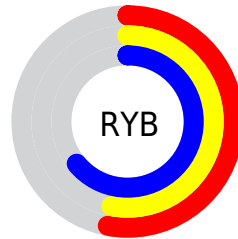
Distribution



Red (53%)

Green (53%)

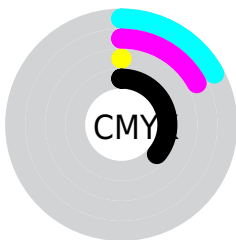
Blue (64%)



Red (53%)

Yellow (53%)

Blue (64%)

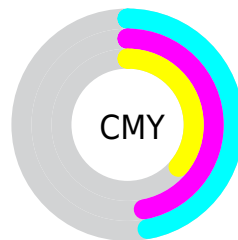


Cyan (17%)

Magenta (17%)

Yellow (0%)

Black (36%)



Cyan (47%)

Magenta (47%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RGB color 135, 135, 162 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 135, 135, 162 by changing the saturation by 10% instead.

 135, 135, 162


255, 255, 255

 188, 188, 217


 216, 216, 245

 245, 244, 255

 135, 135, 162

 110, 110, 136

 85, 85, 110

 61, 62, 86

 39, 40, 63

 18, 20, 41


 0, 1, 20

 0, 0, 0

 135, 135, 162

 119, 119, 162

 135, 135, 162

 151, 151, 162

 103, 103, 162

 167, 167, 162

 86, 86, 162

 184, 184, 162

 70, 70, 162

 200, 200, 162

 54, 54, 162

 216, 216, 162

 38, 38, 162

 232, 232, 162

 22, 22, 162

 248, 248, 162

 5, 5, 162

 255, 255, 162

 0, 0, 162

Harmonies

Analogous

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



117, 140, 163



135, 135, 162



151, 131, 154

Triad

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



135, 135, 162



161, 131, 117



108, 145, 133

Complementary

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



135, 135, 162



162, 162, 135

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.



122, 143, 120



135, 135, 162



151, 135, 111

Square

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



135, 135, 162



165, 128, 128



137, 139, 112



101, 145, 147

Rectangle

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



135, 135, 162



159, 129, 146



137, 139, 112



112, 144, 128

Sweetspot

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



135, 135, 162



201, 201, 212



135, 162, 162



101, 101, 107



235, 235, 235



107, 107, 107

Same Dimension

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



135, 135, 162



169, 169, 212



149, 135, 162



73, 73, 82



0, 0, 145



0, 0, 18

Inverse Universe

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



162, 135, 162



212, 169, 212



149, 162, 135



82, 73, 82



145, 0, 145



18, 0, 18

Previews

White Background



This preview shows how the RGB color 135, 135, 162 looks on a white background.

Color Contrast Check

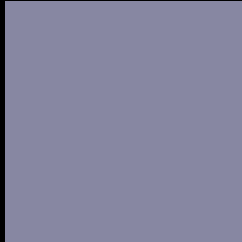
Large Text (above 18pt) WCAG AA ✓ Pass

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 135, 135, 162 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

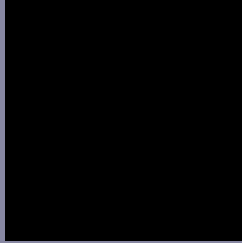
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

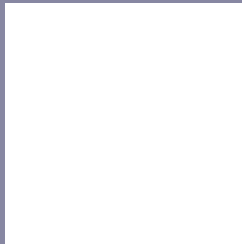
Any Text WCAG AAA × Fail

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

RGB 135, 135, 162 Background



This preview shows how black text looks on a background with the RGB color 135, 135, 162.



This preview shows how white text looks on a background with the RGB color 135, 135, 162.

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
[135](#), [135](#), [162](#)

Protanopia
[132](#), [136](#), [163](#)

Deuteranopia
[138](#), [134](#), [162](#)



Tritanopia
133, 137, 148

Trichromacy



Original Color

135, 135, 162

Protanomaly

133, 136, 163

Deuteranomaly

137, 134, 162

Tritanomaly

134, 136, 153

Monochromacy



Original Color

135, 135, 162

Achromatopsia

138, 138, 138

Achromatomaly

137, 137, 147

CSS Examples

Text

The CSS property to change the color of the text to RGB 135, 135, 162 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(135, 135, 162)` looks like.

```
.text, #text, p{  
    color:rgb(135, 135, 162)  
}
```

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(135, 135, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 135, 162) }
```

Border

The CSS property to change the border of an element to RGB 135, 135, 162 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(135, 135, 162) }
```

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

```
.border{ border-color:rgb(135, 135, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 135, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 135, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 135, 162);  
box-shadow:4px 4px 4px 4px rgb(135, 135,  
162) }
```

Background

The CSS property to change the background color of an element to RGB 135, 135, 162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 135, 162) }
```

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

```
.background{ background-color: rgb(135,  
135, 162) }
```

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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