

# Converting Colors

Hex(C5565B)

Have a look what the booklet for  
Hex(C5565B) contains.

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**Color**

**Hex(C5565B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C5565B
RGB	197, 86, 91
RGB Percent	77%, 34%, 36%
CMY	0.2275, 0.6627, 0.6431
CMYK	0.00, 0.56, 0.54, 0.23
HSL	357°, 49%, 55%
HSV	357°, 56%, 77%
XYZ	28.2421, 19.2812, 12.1307
YIQ	119.7590, 64.5510, 25.0870

# Conversions

## Conversions Part 2

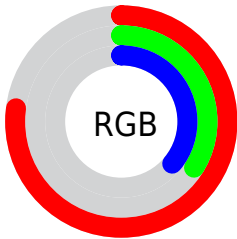
<b>Format</b>	<b>Color</b>
<b>RYB</b>	197, 86, 91
Decimal	12932699
CIELab	51.01, 44.79, 19.31
CIELCh	51, 48.776, 23.317
Yxy	19.2812, 0.4734, 0.3232
Android (android.graphics.Color)	4291122779 (0xFFC5565B)
YUV	119.7590, -14.1782, 67.7404
Hunter-Lab	43.9104, 37.9636, 14.3579

# Details

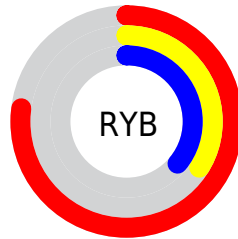
The Hex color **C5565B** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted red. A complement of this color would be **56C5C0**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **FF8B8D**, and **8A202D** is the 20% darker color. If you saturate the color by 10%, you get **C54248**, and if you desaturate by 10%, it is **C56A6E**.

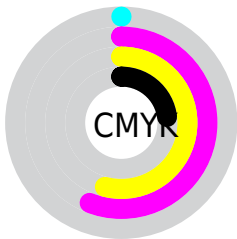
# Distribution



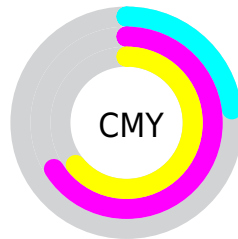
- Red (77%)
- Green (34%)
- Blue (36%)



- Red (77%)
- Yellow (34%)
- Blue (36%)



- Cyan (0%)
- Magenta (56%)
- Yellow (54%)
- Black (23%)



- Cyan (23%)
- Magenta (66%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C5565B 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 Hex color C5565B by changing the saturation by 10% instead.



 C5565B

 C5565B

FFFFFF

 A73C44

 FF8B8D

 8A202D

 FFA7A7

 6D0019

 FFC3C3

 520000

 FFDFDF

 380002

 FFFCFB

 0F0000

 000000

 C5565B

 C5565B

 C54248

 C56A6E

 C52F35

 C57D81

 C51B23

 C59193

 C50710

 C5A5A6

 C50009

 C5B9B9

 C5CCCC

 C5E0DF

 C5F4F2

 C5FFFF

# Harmonies

## Analogous

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



C05485



C5565B



B66437

# Triad

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



C5565B



3B8945



0081CC

# Complementary

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



C5565B



56C5C0

# 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.



008ABC



C5565B



008D6E

# Square

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



C5565B



708127



008D99



6A72C6

# Rectangle

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



C5565B



A36F26



008D99



0085C9



# Sweetspot

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



C5565B



FFD4D6



BF56C5



806667



000000



808080



# Same Dimension

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



C5565B



FF5259



C58856



635A5A



A30007



240002



# Inverse Universe

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



C5565B



FF5259



5693C5



635A5A



A30007



240002



# Previews

## White Background



This preview shows how the Hex color C5565B looks on a white background.

## Color Contrast Check

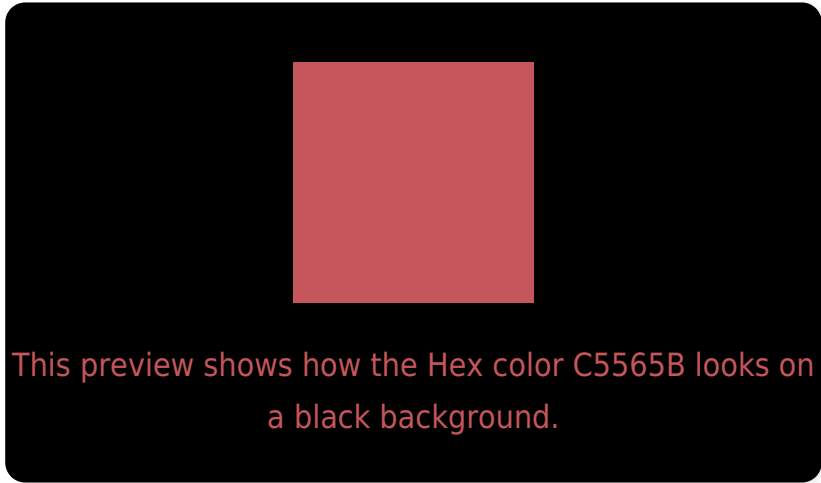
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## 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](#).



## Hex C5565B Background



This preview shows how black text looks on a background with the Hex color C5565B.

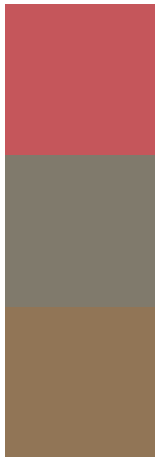


This preview shows how white text looks on a background with the Hex color C5565B.

# 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**  
C5565B

**Protanopia**  
807A6C

**Deuteranopia**  
917556



**Tritanopia**  
C5565C

# Trichromacy



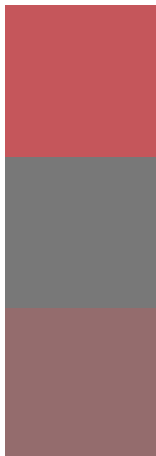
**Original Color**  
C5565B

**Protanomaly**  
996D66

**Deuteranomaly**  
A46A58

**Tritanomaly**  
C5565C

# Monochromacy



**Original Color**  
C5565B

**Achromatopsia**  
787878

**Achromatomaly**  
946C6D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C5565B 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 #C5565B looks like.

```
.text, #text, p{  
    color:#C5565B  
}
```

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 #C5565B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C5565B
}
```

## Border

The CSS property to change the border of an element to Hex C5565B 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
#C5565B }
```

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

```
.border{ border-color:#C5565B }
```

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

Here you see how a box with a 4 pixel #C5565B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C5565B; -webkit-box-shadow:4px 4px  
4px 4px #C5565B; box-shadow:4px 4px 4px  
4px #C5565B }
```

# Background

The CSS property to change the background color of an element to Hex C5565B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C5565B }
```

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

```
.background{ background-color:#C5565B }
```

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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