

# Converting Colors

Hex(C5535A)

Have a look what the booklet for  
Hex(C5535A) contains.

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**Color**

**Hex(C5535A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C5535A
RGB	197, 83, 90
RGB Percent	77%, 33%, 35%
CMY	0.2275, 0.6745, 0.6471
CMYK	0.00, 0.58, 0.54, 0.23
HSL	356°, 50%, 55%
HSV	356°, 58%, 77%
XYZ	27.9647, 18.7950, 11.8268
YIQ	117.8840, 65.6970, 26.3450

# Conversions

## Conversions Part 2

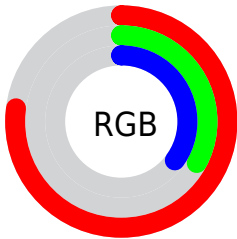
Format	Color
<a href="#">RYB</a>	<a href="#">197, 83, 90</a>
Decimal	<a href="#">12931930</a>
CIELab	<a href="#">50.45, 46.15, 19.14</a>
CIElCh	<a href="#">50, 49.956, 22.525</a>
Yxy	<a href="#">18.7950, 0.4773, 0.3208</a>
Android (android.graphics.Color)	<a href="#">4291122010</a> ( <a href="#">0xFFC5535A</a> )
YUV	<a href="#">117.8840, -13.7468, 69.3847</a>
Hunter-Lab	<a href="#">43.3532, 39.2720, 14.1729</a>

# Details

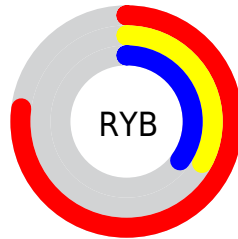
The Hex color **C5535A** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted red. A complement of this color would be **53C5BE**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **FF888C**, and **8A1C2D** is the 20% darker color. If you saturate the color by 10%, you get **C53F48**, and if you desaturate by 10%, it is **C5676C**.

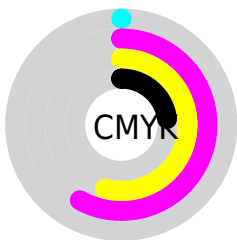
# Distribution



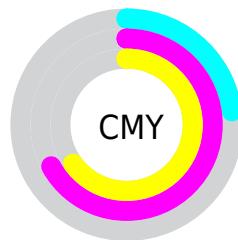
- Red (77%)
- Green (33%)
- Blue (35%)



- Red (77%)
- Yellow (33%)
- Blue (35%)



- Cyan (0%)
- Magenta (58%)
- Yellow (54%)
- Black (23%)



- Cyan (23%)
- Magenta (67%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C5535A 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 C5535A by changing the saturation by 10% instead.



 C5535A

 C5535A

FFFFFF

 A73843

 FF888C

 8A1C2D

 FFA4A6

 6D0018

 FFC0C1

 510000

 FFDCDD

 370002

 FFFAFA

 0D0000

 000000

 C5535A

 C5535A

 C53F48

 C5676C

 C52C35

 C57A7F

 C51823

 C58E91

 C50410

 C5A2A4

 C5000C

 C5B6B6

 C5C9C9

 C5DDDB

 C5F1EE

 C5FFFF

# Harmonies

## Analogous

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



C05185



C5535A



B66135

# Triad

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



C5535A



398842



0080CC

# Complementary

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



C5535A



53C5BE

# 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.



0089BB



C5535A



008C6C

# Square

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



C5535A



6F7F22



008C97



6671C7

# Rectangle

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



C5535A



A36D22



008C97



0084C9



# Sweetspot

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



C5535A



FFD4D6



BD53C5



806668



000000



808080



# Same Dimension

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



C5535A



FF4F5A



C58453



635A5A



A3000A



240002



# Inverse Universe

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



C5535A



FF4F5A



5394C5



635A5A



A3000A



240002



# Previews

## White Background



This preview shows how the Hex color C5535A looks on a white background.

## Color Contrast Check

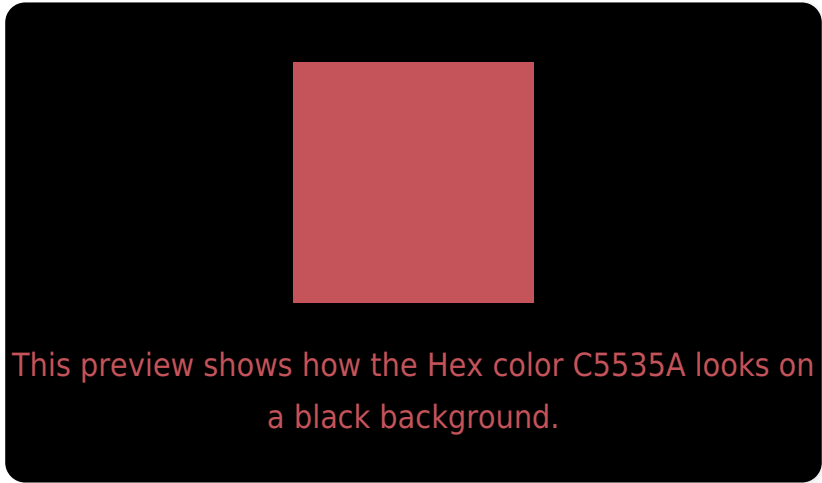
Large Text (above 18pt) WCAG AA ✓ Pass

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 C5535A Background



This preview shows how black text looks on a background with the Hex color C5535A.

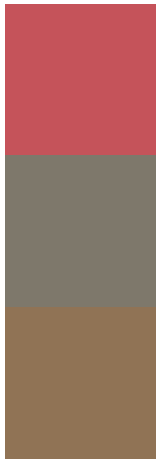


This preview shows how white text looks on a background with the Hex color C5535A.

# 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**  
C5535A

**Protanopia**  
7E786B

**Deuteranopia**  
907355



# Trichromacy



**Original Color**  
C5535A

**Protanomaly**  
986B65

**Deuteranomaly**  
A36757

**Tritanomaly**  
C55359

# Monochromacy



**Original Color**  
C5535A

**Achromatopsia**  
767676

**Achromatomaly**  
93696C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C5535A 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 #C5535A looks like.

```
.text, #text, p{  
    color:#C5535A  
}
```

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 #C5535A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C5535A
}
```

## Border

The CSS property to change the border of an element to Hex C5535A 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
#C5535A }
```

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

```
.border{ border-color:#C5535A }
```

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

Here you see how a box with a 4 pixel #C5535A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C5535A; -webkit-box-shadow:4px 4px  
4px 4px #C5535A; box-shadow:4px 4px 4px  
4px #C5535A }
```

# Background

The CSS property to change the background color of an element to Hex C5535A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C5535A }
```

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

```
.background{ background-color:#C5535A }
```

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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