

# Converting Colors

Hex(205D5C)

Have a look what the booklet for  
Hex(205D5C) contains.

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# Color

Hex(205D5C)

# Conversions

## Conversions Part 1

Format	Color
Hex	205D5C
RGB	32, 93, 92
RGB Percent	13%, 36%, 36%
CMY	0.8745, 0.6353, 0.6392
CMYK	0.66, 0.00, 0.01, 0.64
HSL	179°, 49%, 25%
HSV	179°, 66%, 36%
XYZ	6.4418, 8.9085, 11.5052
YIQ	74.6470, -36.0350, -13.2430

# Conversions

## Conversions Part 2

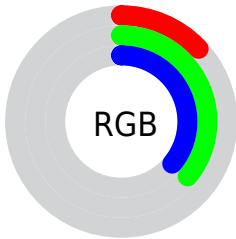
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	32, 63, 93
Decimal	2121052
CIE Lab	35.81, -19.45, -5.23
CIE LCh	36, 20.142, 195.049
Yxy	8.9085, 0.2399, 0.3317
Android (android.graphics.Color)	4280311132 (0xFF205D5C)
YUV	74.6470, 8.5550, -37.4014
Hunter-Lab	29.8471, -13.7074, -1.9617

# Details

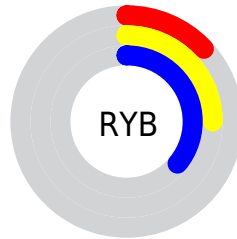
The Hex color **205D5C** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5D2021**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **55908E**, and **002F2E** is the 20% darker color. If you saturate the color by 10%, you get **175D5C**, and if you desaturate by 10%, it is **295D5C**.

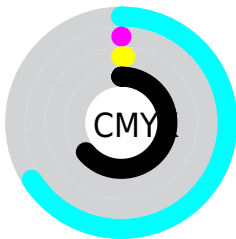
# Distribution



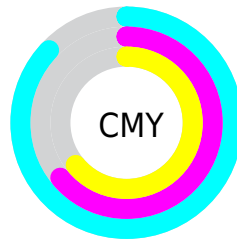
- Red (13%)
- Green (36%)
- Blue (36%)



- Red (13%)
- Yellow (25%)
- Blue (36%)



- Cyan (66%)
- Magenta (0%)
- Yellow (1%)
- Black (64%)



- Cyan (87%)
- Magenta (64%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 205D5C 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 205D5C by changing the saturation by 10% instead.



 205D5C

 205D5C

FFFFFF

 004545

 55908E

 002F2E

 6FAAA9

 001B1A

 8AC6C4

 000000

 A5E2E0

 C1FEFC

 DEFFFF

 FBFFFF

 205D5C

 205D5C

■ 175D5C

■ 295D5C

■ 0D5D5C

■ 335D5C

■ 045D5C

■ 3C5D5C

■ 005D5B

■ 455D5D

■ 4E5D5D

■ 585D5D

■ 615D5D

■ 6A5D5D

■ 745D5D

# Harmonies

## Analogous

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



325C4B



205D5C



1E5C6A

# Triad

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



205D5C



604D6B



665035

# Complementary

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



205D5C



5D2021

# 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.



714B3E



205D5C



6F495D

# Square

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



205D5C



4B5373



74484D



575635

# Rectangle

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



205D5C



2A5A71



74484D



6B4F37



# Sweetspot

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



205D5C



607877



215D20



2F3D3D



BDBDBD



3D3D3D



# Same Dimension

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



205D5C



197876



20405D



292E2E



006E6C



00EDE9



# Inverse Universe

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



5D2021



78191B



5D3D20



2E2929



6E0002



ED0004



# Previews

## White Background



This preview shows how the Hex color 205D5C looks on a white background.

## Color Contrast Check

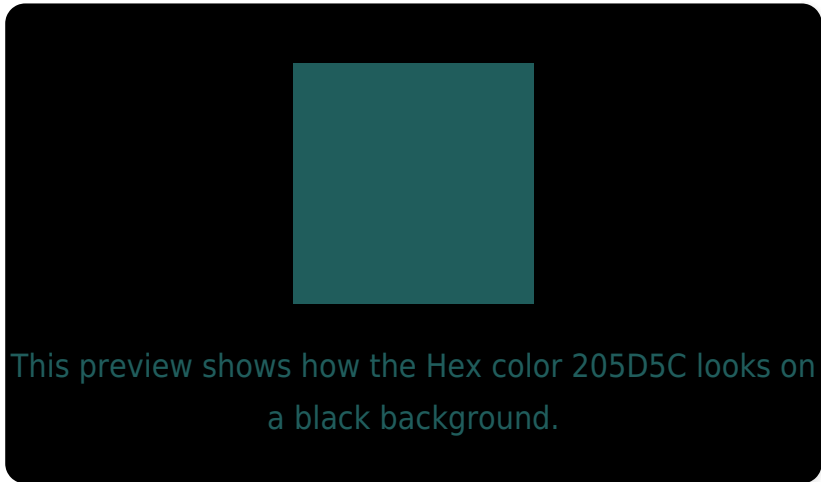
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

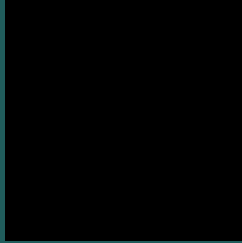
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 205D5C Background



This preview shows how black text looks on a background with the Hex color 205D5C.

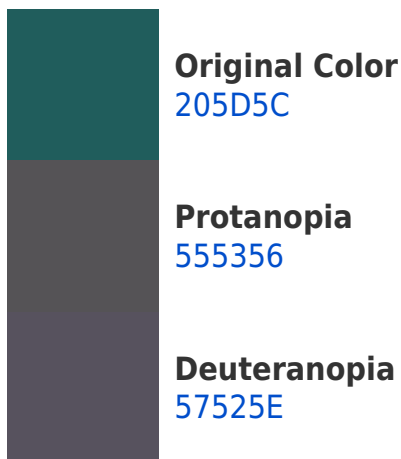



This preview shows how white text looks on a background with the Hex color 205D5C.

# 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](#).

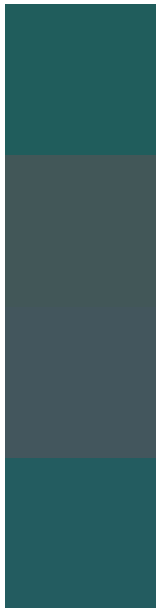
## Dichromacy





**Tritanopia**  
245C63

# Trichromacy



**Original Color**  
205D5C

**Protanomaly**  
425758

**Deuteranomaly**  
43565D

**Tritanomaly**  
235C60

# Monochromacy



**Original Color**  
205D5C

**Achromatopsia**  
4B4B4B

**Achromatomaly**  
3B5251

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 205D5C 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 #205D5C looks like.

```
.text, #text, p{  
    color:#205D5C  
}
```

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 #205D5C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #205D5C
}
```

## Border

The CSS property to change the border of an element to Hex 205D5C 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
#205D5C }
```

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

```
.border{ border-color:#205D5C }
```

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

Here you see how a box with a 4 pixel #205D5C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #205D5C; -webkit-box-shadow:4px 4px  
4px 4px #205D5C; box-shadow:4px 4px 4px  
4px #205D5C }
```

# Background

The CSS property to change the background color of an element to Hex 205D5C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#205D5C }
```

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

```
.background{ background-color:#205D5C }
```

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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