

Converting Colors

Hex(205853)

Have a look what the booklet for
Hex(205853) contains.

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Color

Hex(205853)

Conversions

Conversions Part 1

Format	Color
Hex	205853
RGB	32, 88, 83
RGB Percent	13%, 35%, 33%
CMY	0.8745, 0.6549, 0.6745
CMYK	0.64, 0.00, 0.06, 0.65
HSL	175°, 47%, 24%
HSV	175°, 64%, 35%
XYZ	5.6467, 7.9111, 9.4130
YIQ	70.6860, -31.7710, -13.4270

Conversions

Conversions Part 2

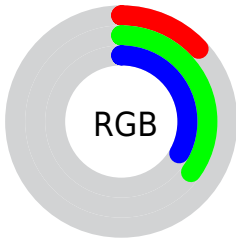
Format	Color
R_{YB}	32, 61, 88
Decimal	2119763
CIE _{Lab}	33.80, -19.54, -2.58
CIE _{LCh}	34, 19.712, 187.512
Yxy	7.9111, 0.2458, 0.3444
Android (android.graphics.Color)	4280309843 (0xFF205853)
YUV	70.6860, 6.0708, -33.9276
Hunter-Lab	28.1266, -13.3857, -0.1537

Details

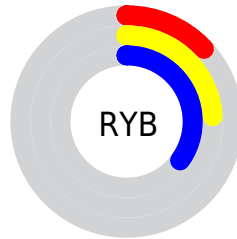
The Hex color **205853** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **582025**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **548A84**, and **002A26** is the 20% darker color. If you saturate the color by 10%, you get **175852**, and if you desaturate by 10%, it is **295854**.

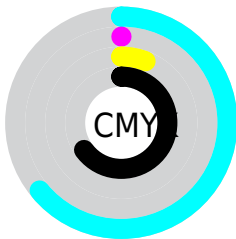
Distribution



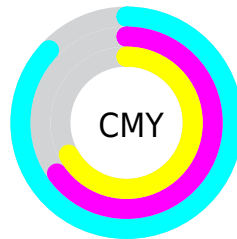
- Red (13%)
- Green (35%)
- Blue (33%)



- Red (13%)
- Yellow (24%)
- Blue (35%)



- Cyan (64%)
- Magenta (0%)
- Yellow (6%)
- Black (65%)



- Cyan (87%)
- Magenta (65%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 205853 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 205853 by changing the saturation by 10% instead.

 205853

 205853

FFFFFF

 00403C

 548A84

 002A26

 6DA59E

 001612

 88C0B9

 000000

 A3DCD5

 BFF8F1

 DBFFFF

 F8FFFF

 205853

 205853

■ 175852

■ 295854

■ 0E5851

■ 325855

■ 065851

■ 3A5855

■ 005850

■ 435856

■ 4C5857

■ 555858

■ 5E5859

■ 665859

■ 6F585A

Harmonies

Analogous

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



335743



205853



185762

Triad

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



205853



574A68



644A33

Complementary

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



205853



582025

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.



6D463D



205853



66455C

Square

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



205853



40506E



6E444C



565030

Rectangle

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



205853



205569



6E444C



684936

Sweetspot

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



205853



5D7371



265820



2D3B39



BABABA



3B3B3B

Same Dimension

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



205853



1C736B



204258



272B2B



006B62



00EBD6

Inverse Universe

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



582025



731C23



583620



2B2727



6B000A



EB0015

Previews

White Background



This preview shows how the Hex color 205853 looks on a white background.

Color Contrast Check

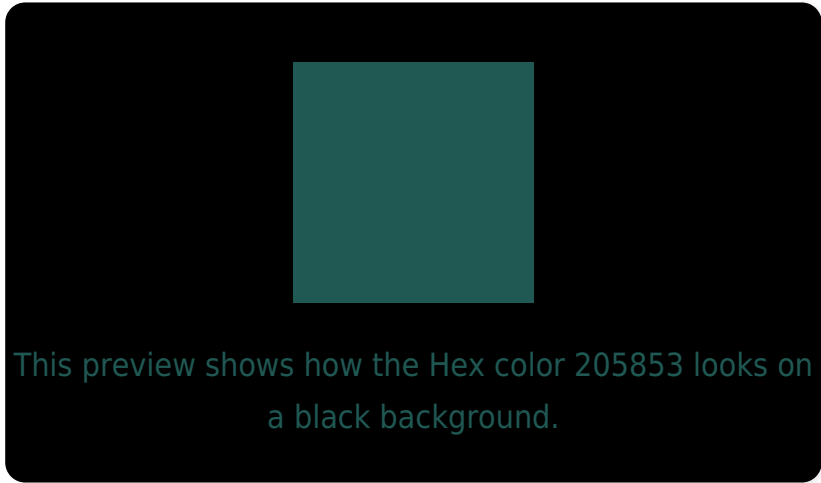
Large Text (above 18pt) WCAG AA ✓ Pass

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

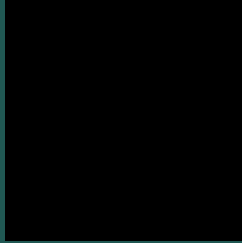
Any Text WCAG AA × Fail

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 205853 Background



This preview shows how black text looks on a background with the Hex color 205853.



This preview shows how white text looks on a background with the Hex color 205853.

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](#).

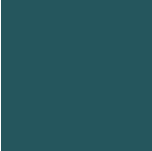
Dichromacy



Original Color
205853

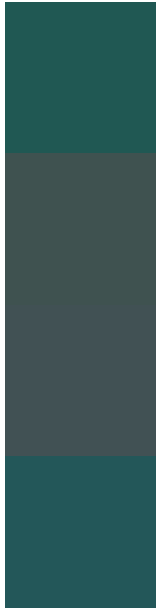
Protanopia
514F4E

Deuteranopia
544D55



Tritanopia
25565D

Trichromacy



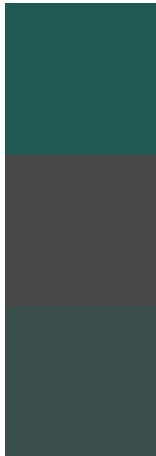
Original Color
205853

Protanomaly
3F5250

Deuteranomaly
415154

Tritanomaly
235759

Monochromacy



Original Color
205853

Achromatopsia
474747

Achromatomaly
394D4B

CSS Examples

Text

The CSS property to change the color of the text to Hex 205853 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 #205853 looks like.

```
.text, #text, p{  
  color:#205853  
}
```

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 #205853 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #205853
}
```

Border

The CSS property to change the border of an element to Hex 205853 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
#205853 }
```

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

```
.border{ border-color:#205853 }
```

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

Here you see how a box with a 4 pixel #205853 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #205853; -webkit-box-shadow:4px 4px  
4px 4px #205853; box-shadow:4px 4px 4px  
4px #205853 }
```

Background

The CSS property to change the background color of an element to Hex 205853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#205853 }
```

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

```
.background{ background-color:#205853 }
```

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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