

Converting Colors

Hex(205E65)

Have a look what the booklet for
Hex(205E65) contains.

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Color

Hex(205E65)

Conversions

Conversions Part 1

Format	Color
Hex	205E65
RGB	32, 94, 101
RGB Percent	13%, 37%, 40%
CMY	0.8745, 0.6314, 0.6039
CMYK	0.68, 0.07, 0.00, 0.60
HSL	186°, 52%, 26%
HSV	186°, 68%, 40%
XYZ	6.9473, 9.2521, 13.7316
YIQ	76.2600, -39.1990, -10.9670

Conversions

Conversions Part 2

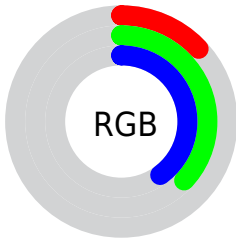
Format	Color
RYB	32, 65, 101
Decimal	2121317
CIELab	36.47, -17.09, -9.84
CIElCh	36, 19.717, 209.934
Yxy	9.2521, 0.2321, 0.3091
Android (android.graphics.Color)	4280311397 (0xFF205E65)
YUV	76.2600, 12.1968, -38.8160
Hunter-Lab	30.4172, -12.4605, -5.4739




Details

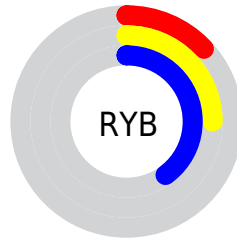
The Hex color **205E65** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **652720**, and the grayscale version is **4C4C4C**.




A 20% lighter version of the original color is **569198**, and **003036** is the 20% darker color. If you saturate the color by 10%, you get **165D65**, and if you desaturate by 10%, it is **2A5F65**.

Distribution







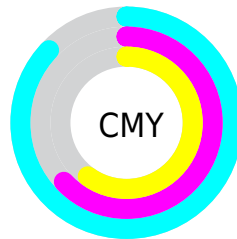
-  Red (13%)
-  Green (37%)
-  Blue (40%)






-  Red (13%)
-  Yellow (25%)
-  Blue (40%)



-  Cyan (68%)
-  Magenta (7%)
-  Yellow (0%)
-  Black (60%)



-  Cyan (87%)
-  Magenta (63%)
-  Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 205E65 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 205E65 by changing the saturation by 10% instead.

■ 205E65

■ 205E65

FFFFFF

■ 00464D

■ 569198

■ 003036

■ 71ABB3

■ 001C21

■ 8BC7CE

■ 000009

■ A7E3EA

■ 000000

■ C3FFFF

■ E0FFFF

■ F0FFFF

■ 205E65

■ 205E65

■ 165D65

■ 2A5F65

■ 0C5C65

■ 346065

■ 025B65

■ 3E6165

■ 005B65

■ 486265

■ 536365

■ 5D6465

■ 676565

■ 716665

■ 7B6765

Harmonies

Analogous

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



2B5E55



205E65



295C71

Triad

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



205E65



6A4D66



615536

Complementary

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



205E65



652720

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.



6E4F3B



205E65



744A56

Square

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



205E65



585271



754B47



505A3A

Rectangle

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



205E65



385975



754B47



665337

Sweetspot

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



205E65



687F82



206527



324142



C2C2C2



424242

Same Dimension

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



205E65



177782



203C65



2E3233



006773



00DAF2

Inverse Universe

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



65205E



821777



654920



332E32



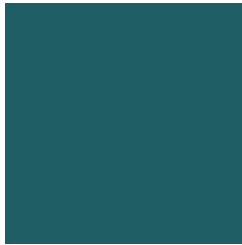
730067



F200DA

Previews

White Background



This preview shows how the Hex color 205E65 looks on a white background.

Color Contrast Check

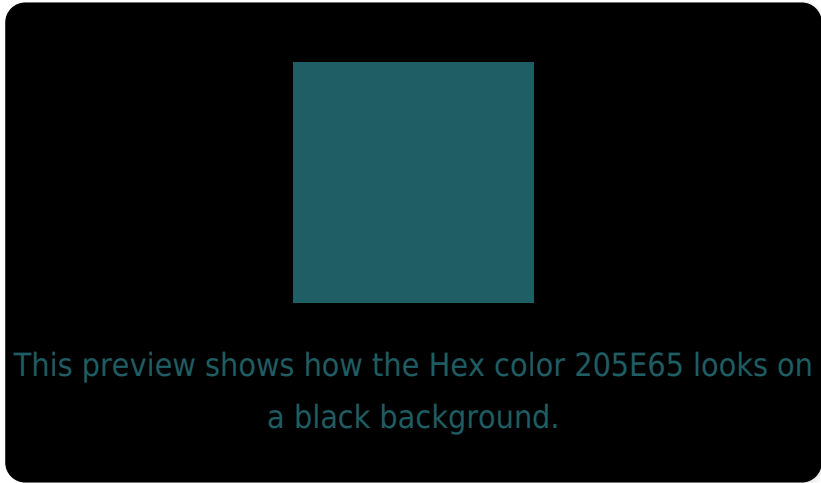
Large Text (above 18pt) WCAG AA ✓ Pass

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

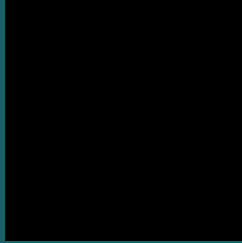
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

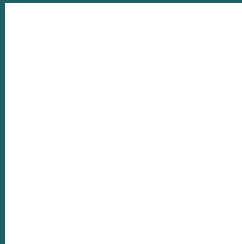
Any Text WCAG AAA × Fail

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

Hex 205E65 Background



This preview shows how black text looks on a background with the Hex color 205E65.

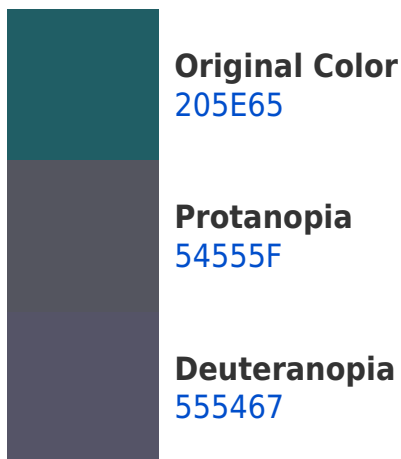


This preview shows how white text looks on a background with the Hex color 205E65.

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



Trichromacy



Original Color
205E65

Protanomaly
415861

Deuteranomaly
425866

Tritanomaly
205E66

Monochromacy



Original Color
205E65

Achromatopsia
4C4C4C

Achromatomaly
3C5355

CSS Examples

Text

The CSS property to change the color of the text to Hex 205E65 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 #205E65 looks like.

```
.text, #text, p{  
    color:#205E65  
}
```

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 #205E65 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #205E65
}
```

Border

The CSS property to change the border of an element to Hex 205E65 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
#205E65 }
```

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

```
.border{ border-color:#205E65 }
```

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

Here you see how a box with a 4 pixel #205E65 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #205E65; -webkit-box-shadow:4px 4px  
4px 4px #205E65; box-shadow:4px 4px 4px  
4px #205E65 }
```

Background

The CSS property to change the background color of an element to Hex 205E65 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#205E65 }
```

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

```
.background{ background-color:#205E65 }
```

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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