

Converting Colors

Hex(205E5B)

Have a look what the booklet for
Hex(205E5B) contains.

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Color

Hex(205E5B)

Conversions

Conversions Part 1

Format	Color
Hex	205E5B
RGB	32, 94, 91
RGB Percent	13%, 37%, 36%
CMY	0.8745, 0.6314, 0.6431
CMYK	0.66, 0.00, 0.03, 0.63
HSL	177°, 49%, 25%
HSV	177°, 66%, 37%
XYZ	6.4867, 9.0678, 11.3059
YIQ	75.1200, -35.9890, -14.0770

Conversions

Conversions Part 2

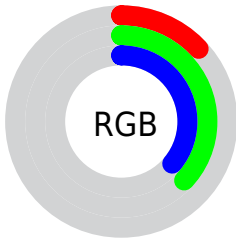
Format	Color
R_{YB}	32, 64, 94
Decimal	2121307
CIE _{Lab}	36.11, -20.30, -4.15
CIE _{LCh}	36, 20.722, 191.556
Yxy	9.0678, 0.2415, 0.3376
Android (android.graphics.Color)	4280311387 (0xFF205E5B)
YUV	75.1200, 7.8288, -37.8162
Hunter-Lab	30.1128, -14.2462, -1.1816

Details

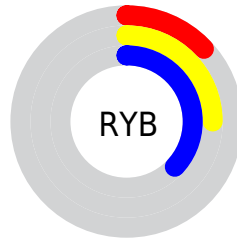
The Hex color **205E5B** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5E2023**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **55918D**, and **002F2D** is the 20% darker color. If you saturate the color by 10%, you get **175E5B**, and if you desaturate by 10%, it is **295E5B**.

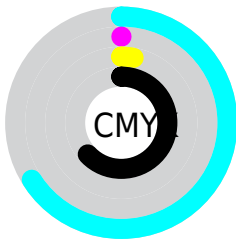
Distribution



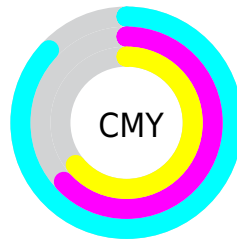
- Red (13%)
- Green (37%)
- Blue (36%)



- Red (13%)
- Yellow (25%)
- Blue (37%)



- Cyan (66%)
- Magenta (0%)
- Yellow (3%)
- Black (63%)



- Cyan (87%)
- Magenta (63%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 205E5B 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 205E5B by changing the saturation by 10% instead.

■ 205E5B

■ 205E5B

FFFFFF

■ 004644

■ 55918D

■ 002F2D

■ 6FABA7

■ 001C19

■ 8AC7C3

■ 000000

■ A5E3DE

■ C1FFFB

■ DEFFFF

■ FBFFFF

■ 205E5B

■ 205E5B

■ 175E5B

■ 295E5B

■ 0D5E5A

■ 335E5C

■ 045E5A

■ 3C5E5C

■ 005E59

■ 465E5D

■ 4F5E5D

■ 585E5E

■ 625E5E

■ 6B5E5F

■ 755E5F

Harmonies

Analogous

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



335D4A



205E5B



1A5D6A

Triad

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



205E5B



5F4E6E



695036

Complementary

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



205E5B



5E2023

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.



734B40



205E5B



6F4A60

Square

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



205E5B



485475



76484F



5A5634

Rectangle

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



205E5B



265B72



76484F



6D4E38

Sweetspot

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



205E5B



627A79



235E20



2F3D3C



BDBDBD



3D3D3D

Same Dimension

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



205E5B



1A7A76



20425E



292E2E



006E68



00EDE2

Inverse Universe

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



5E2023



7A1A1E



5E3C20



2E292A



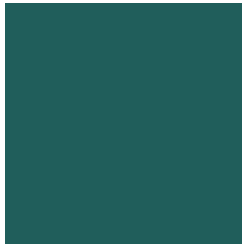
6E0005



ED000B

Previews

White Background



This preview shows how the Hex color 205E5B looks on a white background.

Color Contrast Check

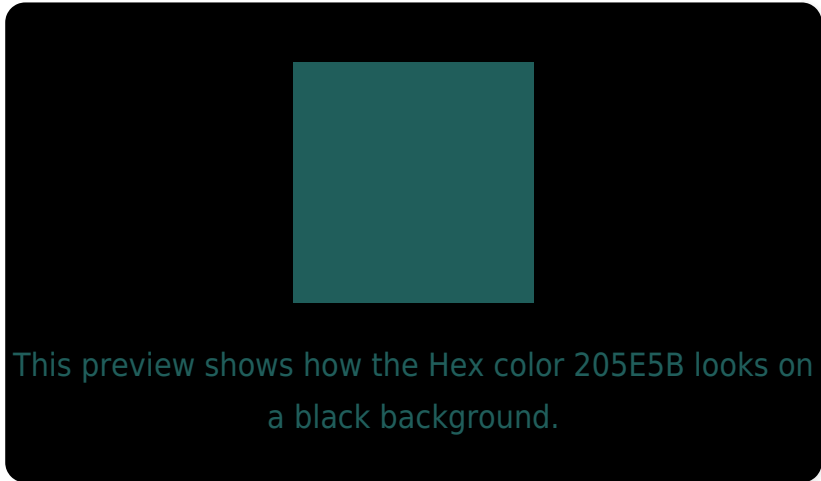
Large Text (above 18pt) WCAG AA ✓ Pass

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

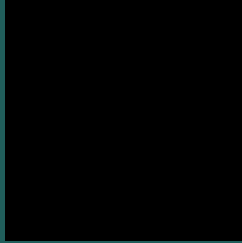
Any Text WCAG AA × Fail

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 205E5B Background



This preview shows how black text looks on a background with the Hex color 205E5B.



This preview shows how white text looks on a background with the Hex color 205E5B.

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
205E5B

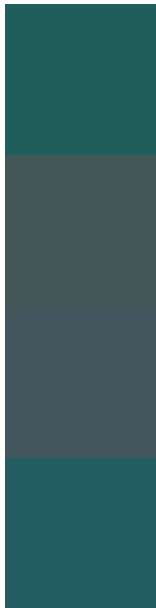
Protanopia
565455

Deuteranopia
59525E



Tritanopia
255D64

Trichromacy



Original Color
205E5B

Protanomaly
425857

Deuteranomaly
44565D

Tritanomaly
235D61

Monochromacy



Original Color
205E5B

Achromatopsia
4B4B4B

Achromatomaly
3B5251

CSS Examples

Text

The CSS property to change the color of the text to Hex 205E5B 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 #205E5B looks like.

```
.text, #text, p{  
    color:#205E5B  
}
```

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 #205E5B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #205E5B
}
```

Border

The CSS property to change the border of an element to Hex 205E5B 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
#205E5B }
```

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

```
.border{ border-color:#205E5B }
```

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

Here you see how a box with a 4 pixel #205E5B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #205E5B; -webkit-box-shadow:4px 4px  
4px 4px #205E5B; box-shadow:4px 4px 4px  
4px #205E5B }
```

Background

The CSS property to change the background color of an element to Hex 205E5B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#205E5B }
```

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

```
.background{ background-color:#205E5B }
```

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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