

Converting Colors

Hex(205E79)

Have a look what the booklet for
Hex(205E79) contains.

Hex(205E79)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(205E79)

Conversions

Conversions Part 1

Format	Color
Hex	205E79
RGB	32, 94, 121
RGB Percent	13%, 37%, 47%
CMY	0.8745, 0.6314, 0.5255
CMYK	0.74, 0.22, 0.00, 0.53
HSL	198°, 58%, 30%
HSV	198°, 74%, 47%
XYZ	8.0496, 9.6930, 19.5358
YIQ	78.5400, -45.6190, -4.7470

Conversions

Conversions Part 2

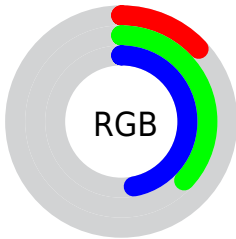
Format	Color
R_{YB}	32, 69, 121
Decimal	2121337
CIE _{Lab}	37.29, -10.11, -20.93
CIE _{LCh}	37, 23.243, 244.229
Yxy	9.6930, 0.2159, 0.2600
Android (android.graphics.Color)	4280311417 (0xFF205E79)
YUV	78.5400, 20.9328, -40.8156
Hunter-Lab	31.1335, -8.3326, -15.4102

Details

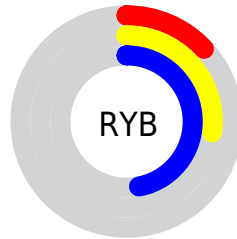
The Hex color **205E79** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **793B20**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **5990AD**, and **003048** is the 20% darker color. If you saturate the color by 10%, you get **145A79**, and if you desaturate by 10%, it is **2C6279**.

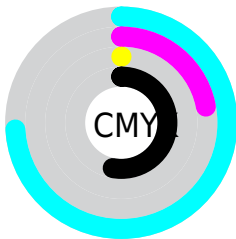
Distribution



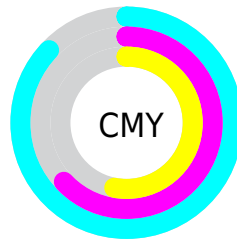
- Red (13%)
- Green (37%)
- Blue (47%)



- Red (13%)
- Yellow (27%)
- Blue (47%)



- Cyan (74%)
- Magenta (22%)
- Yellow (0%)
- Black (53%)



- Cyan (87%)
- Magenta (63%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 205E79 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 205E79 by changing the saturation by 10% instead.

■ 205E79

■ 205E79

FFFFFF

■ 004660

■ 5990AD

■ 003048

■ 74ABC9

■ 001C32

■ 90C6E5

■ 00021D

■ ABE2FF

■ 000000

■ C8FFFF

■ E5FFFF

■ 205E79

■ 205E79

■ 145A79

■ 2C6279

■ 085779

■ 386579

■ 005479

■ 446979

■ 506D79

■ 5C7079

■ 697479

■ 757879

■ 817B79

■ 8D7F79

Harmonies

Analogous

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



07616C



205E79



41597D

Triad

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



205E79



7B4956



4E5D38

Complementary

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



205E79



793B20

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.



625732



205E79



7B4B44

Square

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



205E79



724C68



715136



376047

Rectangle

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



205E79



55547A



715136



555B35

Sweetspot

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



205E79



7B949E



20793B



3A494F



CFCFCF



4F4F4F

Same Dimension

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



205E79



13749E



203279



373B3D



00577D



00B0FC

Inverse Universe

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



79205E



9E1374



796720



3D373B



7D0057



FC00B0

Previews

White Background



This preview shows how the Hex color 205E79 looks on a white background.

Color Contrast Check

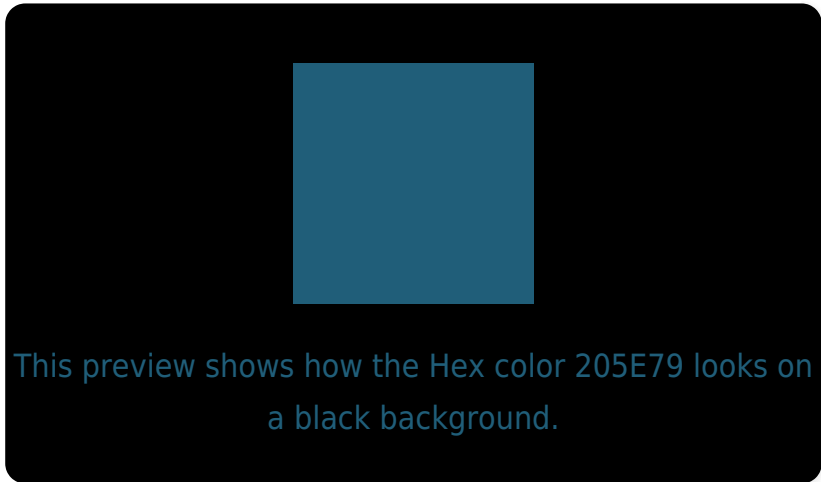
Large Text (above 18pt) WCAG AA ✓ Pass

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 205E79 Background



This preview shows how black text looks on a background with the Hex color 205E79.

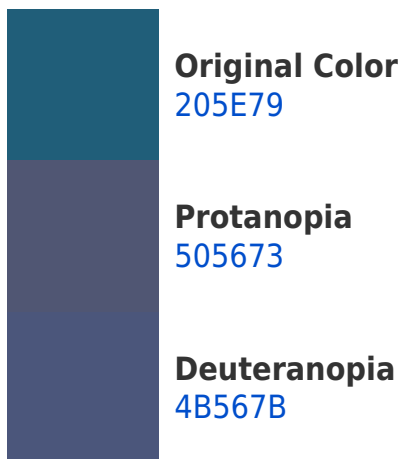


This preview shows how white text looks on a background with the Hex color 205E79.

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](#).

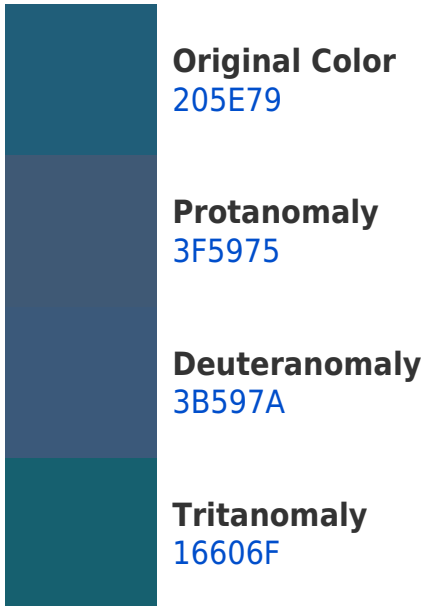
Dichromacy





Tritanopia
116169

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 205E79 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 #205E79 looks like.

```
.text, #text, p{  
    color:#205E79  
}
```

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 #205E79 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #205E79
}
```

Border

The CSS property to change the border of an element to Hex 205E79 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
#205E79 }
```

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

```
.border{ border-color:#205E79 }
```

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

Here you see how a box with a 4 pixel #205E79 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #205E79; -webkit-box-shadow:4px 4px  
4px 4px #205E79; box-shadow:4px 4px 4px  
4px #205E79 }
```

Background

The CSS property to change the background color of an element to Hex 205E79 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#205E79 }
```

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

```
.background{ background-color:#205E79 }
```

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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