

# Converting Colors

Hex(20585C)

Have a look what the booklet for  
Hex(20585C) contains.

<b>Hex(20585C)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(20585C)

# Conversions

## Conversions Part 1

Format	Color
Hex	20585C
RGB	32, 88, 92
RGB Percent	13%, 35%, 36%
CMY	0.8745, 0.6549, 0.6392
CMYK	0.65, 0.04, 0.00, 0.64
HSL	184°, 48%, 24%
HSV	184°, 65%, 36%
XYZ	6.0172, 8.0592, 11.3637
YIQ	71.7120, -34.6600, -10.6280

# Conversions

## Conversions Part 2

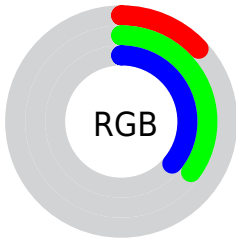
Format	Color
R <sub>Y</sub> B	32, 61, 92
Decimal	2119772
CIE Lab	34.11, -16.70, -7.77
CIE LCh	34, 18.419, 204.965
Yxy	8.0592, 0.2365, 0.3168
Android (android.graphics.Color)	4280309852 (0xFF20585C)
YUV	71.7120, 10.0020, -34.8274
Hunter-Lab	28.3888, -11.8463, -3.8609




# Details

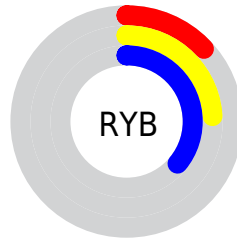
The Hex color **20585C** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5C2420**, and the grayscale version is **484848**.




A 20% lighter version of the original color is **548A8E**, and **002A2E** is the 20% darker color. If you saturate the color by 10%, you get **17575C**, and if you desaturate by 10%, it is **29595C**.

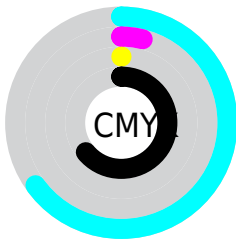
# Distribution







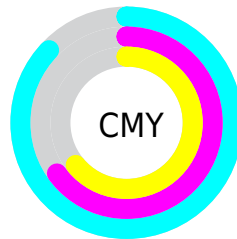
-  Red (13%)
-  Green (35%)
-  Blue (36%)






-  Red (13%)
-  Yellow (24%)
-  Blue (36%)



-  Cyan (65%)
-  Magenta (4%)
-  Yellow (0%)
-  Black (64%)



-  Cyan (87%)
-  Magenta (65%)
-  Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 20585C 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 20585C by changing the saturation by 10% instead.



 20585C

 20585C

FFFFFF

 004045

 548A8E

 002A2E

 6EA5A9

 00171A

 89C0C4

 000000

 A4DCE0

 C0F8FC

 DCFFFF

 FAFFFF

 20585C

 20585C

■ 17575C

■ 29595C

■ 0E575C

■ 32595C

■ 04565C

■ 3C5A5C

■ 00565C

■ 455A5C

■ 4E5B5C

■ 575C5C

■ 605C5C

■ 6A5D5C

■ 735E5C

# Harmonies

## Analogous

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



2C584D



20585C



255668

# Triad

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



20585C



604861



5D4E33

# Complementary

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



20585C



5C2420

# 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.



684A39



20585C



6B4553

# Square

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



20585C



4F4D6B



6D4645



4E5335

# Rectangle

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



20585C



32546C



6D4645



614D34



# Sweetspot

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



20585C



607678



205C24



2F3C3D



BDBDBD



3D3D3D



# Same Dimension

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



20585C



1A7278



203A5C



292E2E



00666E



00DDED



# Inverse Universe

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



5C2058



781A72



5C4220



2E292E



6E0066

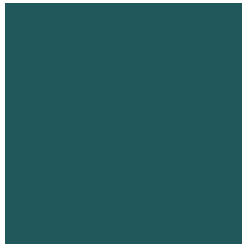


ED00DD



# Previews

## White Background



This preview shows how the Hex color 20585C looks on a white background.

## Color Contrast Check

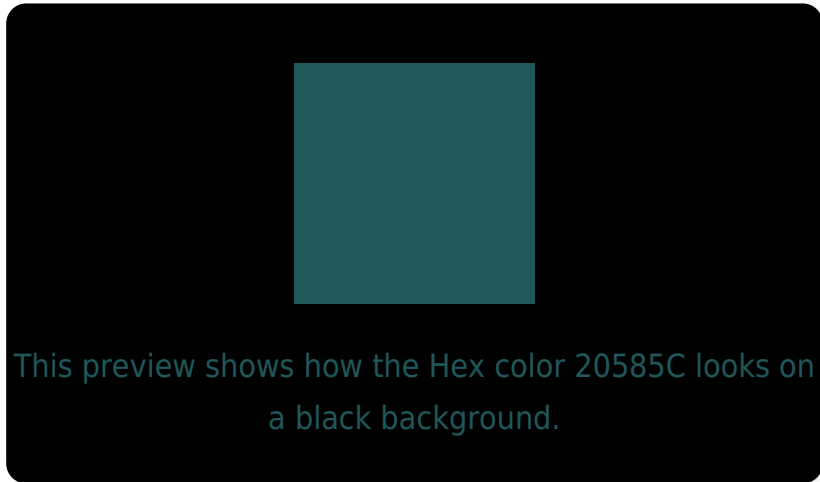
Large Text (above 18pt) WCAG AA ✓ Pass

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

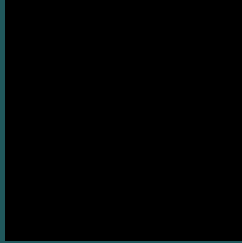
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 20585C Background



This preview shows how black text looks on a background with the Hex color 20585C.



This preview shows how white text looks on a background with the Hex color 20585C.

# 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**  
20585C

**Protanopia**  
4F4F57

**Deuteranopia**  
514E5E



**Tritanopia**  
21585F

# Trichromacy



**Original Color**  
20585C

**Protanomaly**  
3E5259

**Deuteranomaly**  
3F525D

**Tritanomaly**  
21585E

# Monochromacy



**Original Color**  
20585C

**Achromatopsia**  
484848

**Achromatomaly**  
394E4F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 20585C 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 #20585C looks like.

```
.text, #text, p{  
    color:#20585C  
}
```

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 #20585C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #20585C
}
```

## Border

The CSS property to change the border of an element to Hex 20585C 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".

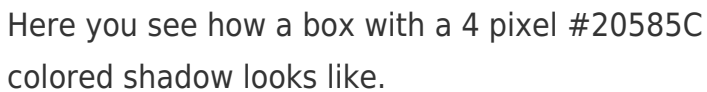
```
.border, #border, table{ border:4px solid
#20585C }
```

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

```
.border{ border-color:#20585C }
```

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

Here you see how a box with a 4 pixel #20585C colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #20585C; -webkit-box-shadow:4px 4px  
4px 4px #20585C; box-shadow:4px 4px 4px  
4px #20585C }
```

# Background

The CSS property to change the background color of an element to Hex 20585C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#20585C }
```

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

```
.background{ background-color:#20585C }
```

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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