

# Converting Colors

Hex(20745F)

Have a look what the booklet for  
Hex(20745F) contains.

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# Color

**Hex(20745F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	20745F
RGB	32, 116, 95
RGB Percent	13%, 45%, 37%
CMY	0.8745, 0.5451, 0.6275
CMYK	0.72, 0.00, 0.18, 0.55
HSL	165°, 57%, 29%
HSV	165°, 72%, 45%
XYZ	8.9066, 13.6241, 12.9868
YIQ	88.4900, -43.3230, -24.3390

# Conversions

## Conversions Part 2

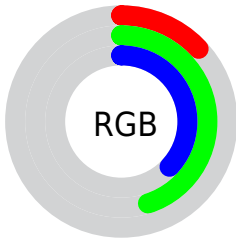
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	32, 80, 116
Decimal	2126943
CIE Lab	43.69, -30.17, 4.46
CIE LCh	44, 30.502, 171.586
Yxy	13.6241, 0.2508, 0.3836
Android (android.graphics.Color)	4280317023 (0xFF20745F)
YUV	88.4900, 3.2094, -49.5417
Hunter-Lab	36.9108, -21.5217, 4.9769

# Details

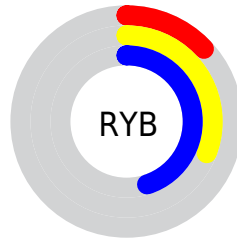
The Hex color **20745F** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **742035**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **59A991**, and **004331** is the 20% darker color. If you saturate the color by 10%, you get **14745C**, and if you desaturate by 10%, it is **2C7462**.

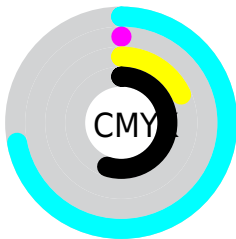
# Distribution



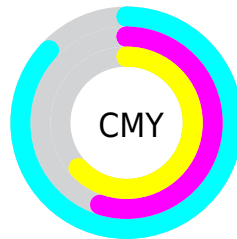
- Red (13%)
- Green (45%)
- Blue (37%)



- Red (13%)
- Yellow (31%)
- Blue (45%)



- Cyan (72%)
- Magenta (0%)
- Yellow (18%)
- Black (55%)



- Cyan (87%)
- Magenta (55%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 20745F 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 20745F by changing the saturation by 10% instead.



 20745F

 20745F

FFFFFF

 005B47

 59A991

 004331

 74C4AC

 002C1C

 90E0C7

 001502

 ABFDE3

 000000

 C8FFFF

 E5FFFF

 20745F

 20745F

 14745C

 2C7462

■ 097459

■ 377465

■ 007457

■ 437468

■ 4E746B

■ 5A746E

■ 667470

■ 717473

■ 7D7476

■ 887479

# Harmonies

## Analogous

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



477147



20745F



007479

# Triad

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



20745F



5F6396



8F5A41

# Complementary

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



20745F



742035

# 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.



985456



20745F



805A87

# Square

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



20745F



2F6C99



93536F



7D6335

# Rectangle

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



20745F



007388



93536F



935847



# Sweetspot

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



20745F



75968E



357420



394D48



CCCCCC



4D4D4D



# Same Dimension

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



20745F



149676



205F74



353B39



007A5C



00FABB



# Inverse Universe

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



742035



961434



743520



3B3536



7A001F



FA003E



# Previews

## White Background



This preview shows how the Hex color 20745F looks on a white background.

## Color Contrast Check

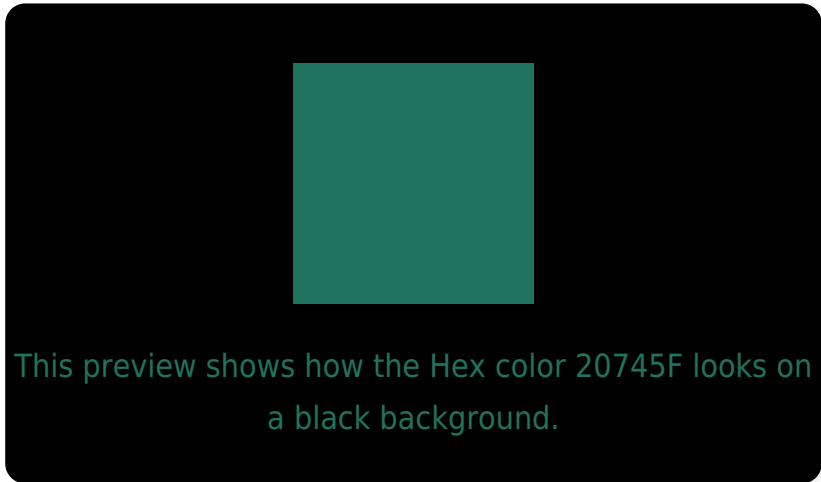
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 20745F Background



This preview shows how black text looks on a background with the Hex color 20745F.



This preview shows how white text looks on a background with the Hex color 20745F.

# 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



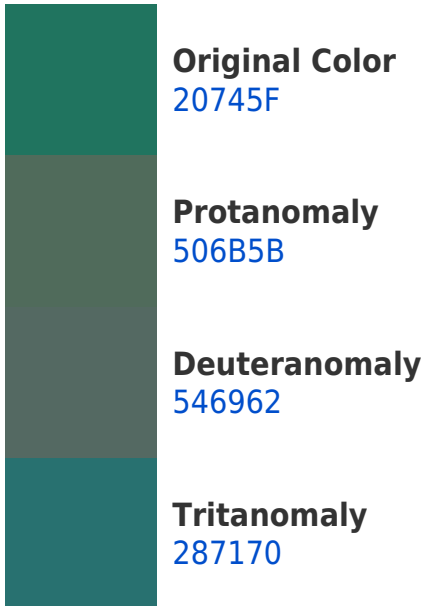
**Original Color**  
20745F

**Protanopia**  
6C6658

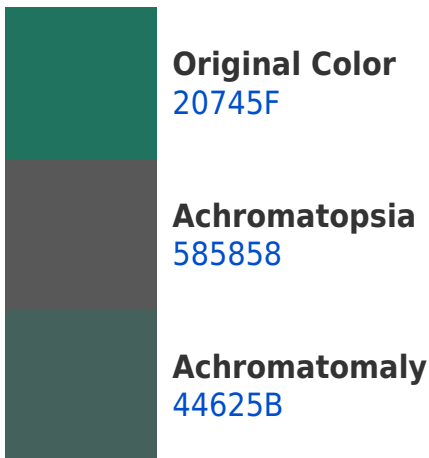
**Deuteranopia**  
726363



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 20745F 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 #20745F looks like.

```
.text, #text, p{  
    color:#20745F  
}
```

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 #20745F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #20745F
}
```

## Border

The CSS property to change the border of an element to Hex 20745F 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
#20745F }
```

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

```
.border{ border-color:#20745F }
```

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

Here you see how a box with a 4 pixel #20745F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #20745F; -webkit-box-shadow:4px 4px  
4px 4px #20745F; box-shadow:4px 4px 4px  
4px #20745F }
```

# Background

The CSS property to change the background color of an element to Hex 20745F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#20745F }
```

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

```
.background{ background-color:#20745F }
```

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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