

Converting Colors

Hex(20784C)

Have a look what the booklet for
Hex(20784C) contains.

Hex(20784C)	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(20784C)

Conversions

Conversions Part 1

Format	Color
Hex	20784C
RGB	32, 120, 76
RGB Percent	13%, 47%, 30%
CMY	0.8745, 0.5294, 0.7020
CMYK	0.73, 0.00, 0.37, 0.53
HSL	150°, 58%, 30%
HSV	150°, 73%, 47%
XYZ	8.6166, 14.2618, 9.1361
YIQ	88.6720, -38.3240, -32.3400

Conversions

Conversions Part 2

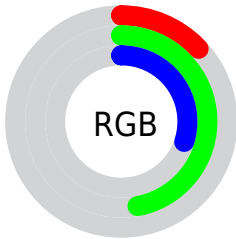
Format	Color
RYB	32, 91, 120
Decimal	2127948
CIELab	44.61, -36.62, 16.93
CIELCh	45, 40.346, 155.181
Yxy	14.2618, 0.2691, 0.4455
Android (android.graphics.Color)	4280318028 (0xFF20784C)
YUV	88.6720, -6.2473, -49.7013
Hunter-Lab	37.7648, -25.3608, 12.0918

Details

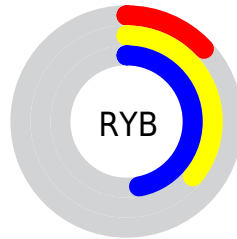
The Hex color **20784C** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **78204C**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **59AD7D**, and **00461F** is the 20% darker color. If you saturate the color by 10%, you get **147846**, and if you desaturate by 10%, it is **2C7852**.

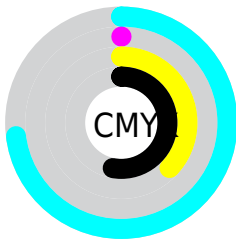
Distribution



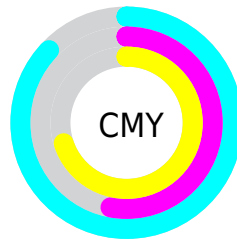
- Red (13%)
- Green (47%)
- Blue (30%)



- Red (13%)
- Yellow (36%)
- Blue (47%)



- Cyan (73%)
- Magenta (0%)
- Yellow (37%)
- Black (53%)



- Cyan (87%)
- Magenta (53%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 20784C 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 20784C by changing the saturation by 10% instead.



20784C



20784C

FFFFFF



005F35



59AD7D



00461F



75C997



002F09



90E5B2



001900



ACFFCE



000000



C8FFEA



E5FFFF



20784C



20784C



147846



2C7852

087840

387858

00783C

44785E

507864

5C786A

687870

747876

80787C

8C7882

Harmonies

Analogous

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



547330



20784C



007A6E

Triad

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



20784C



336BAC



A45145

Complementary

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



20784C



78204C

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.



A74C65



20784C



735EA1

Square

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



20784C



0074A6



975186



935E2C

Rectangle

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



20784C



007A85



975186



A74E4F

Sweetspot

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



20784C



799C8A



4C7820



3A4F45



CFCFCF



4F4F4F

Same Dimension

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



20784C



139C57



207878



373D3A



007D3E



00FC7E

Inverse Universe

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



78204C



9C1357



782020



3D373A



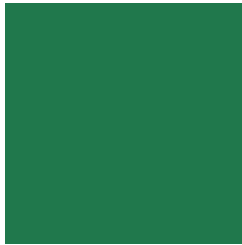
7D003E



FC007E

Previews

White Background



This preview shows how the Hex color 20784C looks on a white background.

Color Contrast Check

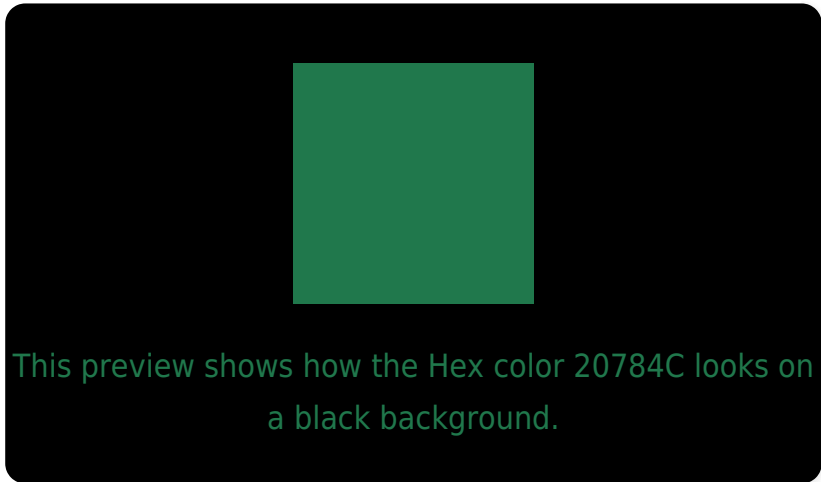
Large Text (above 18pt) WCAG AA ✓ Pass

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

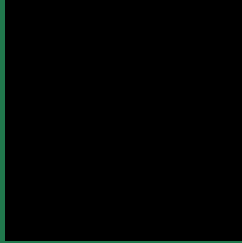
Any Text WCAG AA × Fail

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 20784C Background



This preview shows how black text looks on a background with the Hex color 20784C.

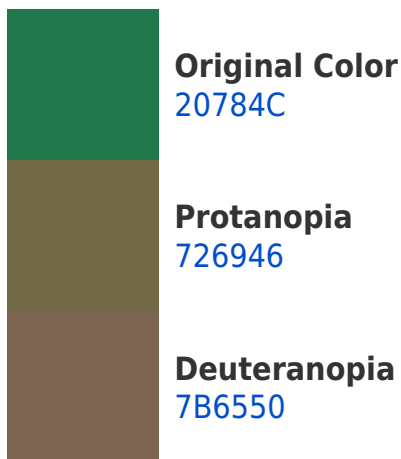


This preview shows how white text looks on a background with the Hex color 20784C.

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](#).

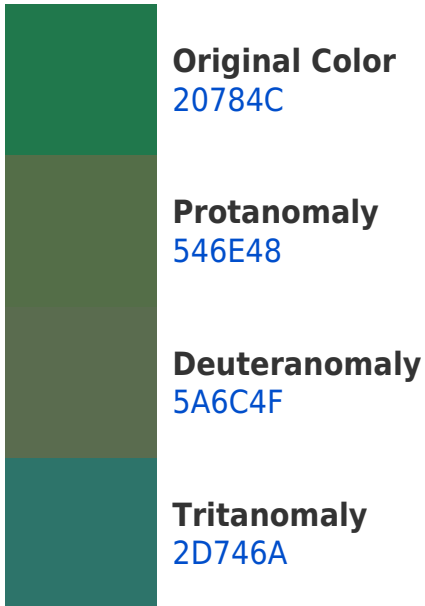
Dichromacy





Tritanopia
34727B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 20784C 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 #20784C looks like.

```
.text, #text, p{  
    color:#20784C  
}
```

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 #20784C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #20784C
}
```

Border

The CSS property to change the border of an element to Hex 20784C 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".

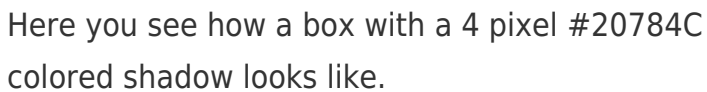
```
.border, #border, table{ border:4px solid
#20784C }
```

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

```
.border{ border-color:#20784C }
```

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

Here you see how a box with a 4 pixel #20784C colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #20784C; -webkit-box-shadow:4px 4px  
4px 4px #20784C; box-shadow:4px 4px 4px  
4px #20784C }
```

Background

The CSS property to change the background color of an element to Hex 20784C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#20784C }
```

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

```
.background{ background-color:#20784C }
```

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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