

Converting Colors

Hex(20905F)

Have a look what the booklet for
Hex(20905F) contains.

Hex(20905F)	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(20905F)

Conversions

Conversions Part 1

Format	Color
Hex	20905F
RGB	32, 144, 95
RGB Percent	13%, 56%, 37%
CMY	0.8745, 0.4353, 0.6275
CMYK	0.78, 0.00, 0.34, 0.44
HSL	154°, 64%, 35%
HSV	154°, 78%, 56%
XYZ	12.6345, 21.0798, 14.2294
YIQ	104.9260, -51.0230, -38.9830

Conversions

Conversions Part 2

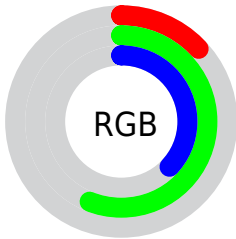
Format	Color
R_{YB}	32, 104, 144
Decimal	2134111
CIE _{Lab}	53.04, -42.39, 17.54
CIE _{LCh}	53, 45.878, 157.529
Yxy	21.0798, 0.2635, 0.4397
Android (android.graphics.Color)	4280324191 (0xFF20905F)
YUV	104.9260, -4.8935, -63.9561
Hunter-Lab	45.9128, -31.2269, 13.7637

Details

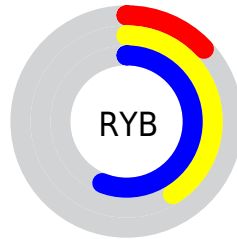
The Hex color **20905F** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **902051**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **5FC792**, and **005C30** is the 20% darker color. If you saturate the color by 10%, you get **129059**, and if you desaturate by 10%, it is **2E9065**.

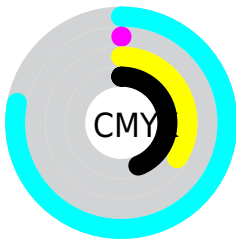
Distribution



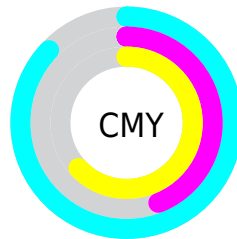
- Red (13%)
- Green (56%)
- Blue (37%)



- Red (13%)
- Yellow (41%)
- Blue (56%)



- Cyan (78%)
- Magenta (0%)
- Yellow (34%)
- Black (44%)



- Cyan (87%)
- Magenta (44%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 20905F 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 20905F by changing the saturation by 10% instead.

 20905F

 20905F

FFFFFF


 007647

 5FC792

 005C30

 7CE3AC

 00441B

 98FFC8

 002D02

 B5FFE4

 001300

 D2FFFF

 000000

 EFFFFFF

 20905F

 20905F

 129059

 2E9065

039052

3D906C

009051

4B9072

5A9078

68907E

769085

85908B

939091

A29098

Harmonies

Analogous

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



618A3D



20905F



009288

Triad

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



20905F



4780CD



C26351

Complementary

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



20905F



902051

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.



C75C76



20905F



8E70BD

Square

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



20905F



008BC7



B7619E



AD7235

Rectangle

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



20905F



0092A2



B7619E



C65F5C

Sweetspot

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



20905F



8FBAA7



529020



445E53



DEDEDE



5E5E5E

Same Dimension

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



20905F



0DBA6E



208A90



404744



00874C



000804

Inverse Universe

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



902051



BA0D59



902620



474043



87003B



080003

Previews

White Background



This preview shows how the Hex color 20905F looks on a white background.

Color Contrast Check

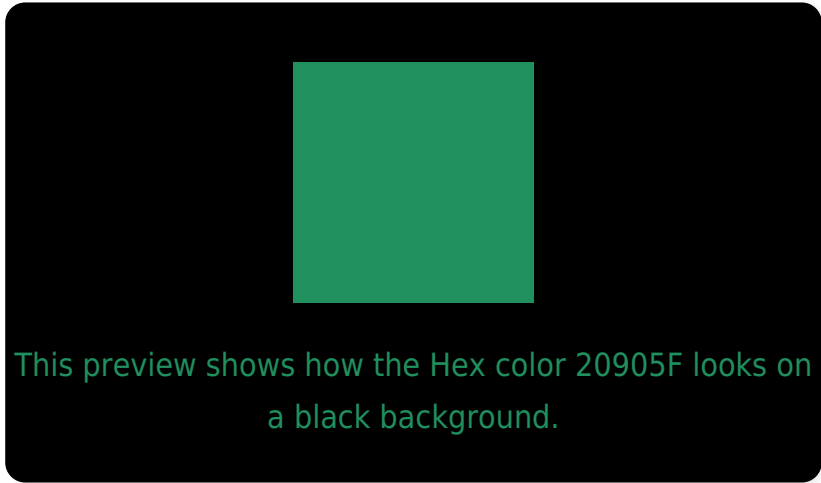
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black 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

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

Hex 20905F Background



This preview shows how black text looks on a background with the Hex color 20905F.

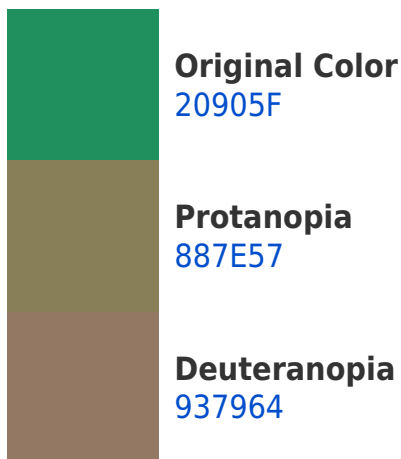


This preview shows how white text looks on a background with the Hex color 20905F.

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
3A8995

Trichromacy



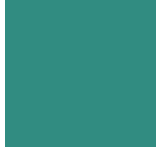
Original Color
20905F



Protanomaly
62855A



Deuteranomaly
698162



Tritanomaly
318C81

Monochromacy



Original Color
20905F



Achromatopsia
696969



Achromatomaly
4E7765

CSS Examples

Text

The CSS property to change the color of the text to Hex 20905F 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 #20905F looks like.

```
.text, #text, p{  
    color:#20905F  
}
```

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 #20905F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #20905F
}
```

Border

The CSS property to change the border of an element to Hex 20905F 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
#20905F }
```

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

```
.border{ border-color:#20905F }
```

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

Here you see how a box with a 4 pixel #20905F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #20905F; -webkit-box-shadow:4px 4px  
4px 4px #20905F; box-shadow:4px 4px 4px  
4px #20905F }
```

Background

The CSS property to change the background color of an element to Hex 20905F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#20905F }
```

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

```
.background{ background-color:#20905F }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor