

# Converting Colors

Hex(1F5846)

Have a look what the booklet for  
Hex(1F5846) contains.

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# Color

**Hex(1F5846)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1F5846
RGB	31, 88, 70
RGB Percent	12%, 35%, 27%
CMY	0.8784, 0.6549, 0.7255
CMYK	0.65, 0.00, 0.20, 0.65
HSL	161°, 48%, 23%
HSV	161°, 65%, 35%
XYZ	5.1603, 7.7129, 7.0111
YIQ	68.9050, -28.1940, -17.6820

# Conversions

## Conversions Part 2

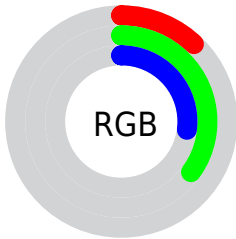
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	31, 65, 88
Decimal	2054214
CIE <sub>Lab</sub>	33.38, -23.51, 4.97
CIE <sub>LCh</sub>	33, 24.027, 168.059
Yxy	7.7129, 0.2595, 0.3879
Android (android.graphics.Color)	4280244294 (0xFF1F5846)
YUV	68.9050, 0.5398, -33.2427
Hunter-Lab	27.7722, -15.4347, 4.4727

# Details

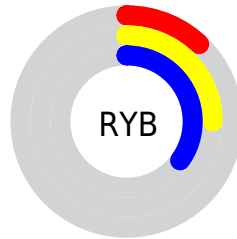
The Hex color **1F5846** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **581F31**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **528A76**, and **002A1B** is the 20% darker color. If you saturate the color by 10%, you get **165843**, and if you desaturate by 10%, it is **285849**.

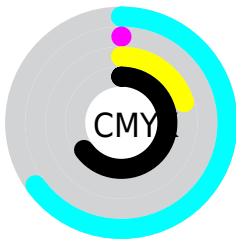
# Distribution



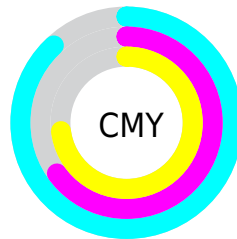
- Red (12%)
- Green (35%)
- Blue (27%)



- Red (12%)
- Yellow (25%)
- Blue (35%)



- Cyan (65%)
- Magenta (0%)
- Yellow (20%)
- Black (65%)



- Cyan (88%)
- Magenta (65%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1F5846 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 1F5846 by changing the saturation by 10% instead.





1F5846



1F5846

FFFFFF



004030



528A76



002A1B



6CA590



001400



86C0AA



000000



A1DCC6



BDF9E2



D9FFFE



F6FFFF



1F5846



1F5846

■ 165843

■ 285849

■ 0D5840

■ 31584C

■ 05583E

■ 39584E

■ 00583C

■ 425851

■ 4B5854

■ 545857

■ 5D5859

■ 65585C

■ 6E585F

# Harmonies

## Analogous

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



3A5534



1F5846



00585A

# Triad

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



1F5846



454C73



6E4433

# Complementary

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



1F5846



581F31

# 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.



734044



1F5846



5F4568

# Square

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



1F5846



225373



6E4057



614B29

# Rectangle

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



1F5846



005865



6E4057



714238



# Sweetspot

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



1F5846



5D736C



31581F



2D3B36



BABABA



3B3B3B



# Same Dimension

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



1F5846



197356



1F4E58



272B2A



006B49



00EBA1



# Inverse Universe

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



581F31



731936



58291F



2B2728



6B0022

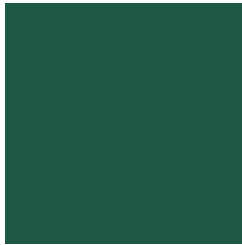


EB004A



# Previews

## White Background



This preview shows how the Hex color 1F5846 looks on a white background.

## Color Contrast Check

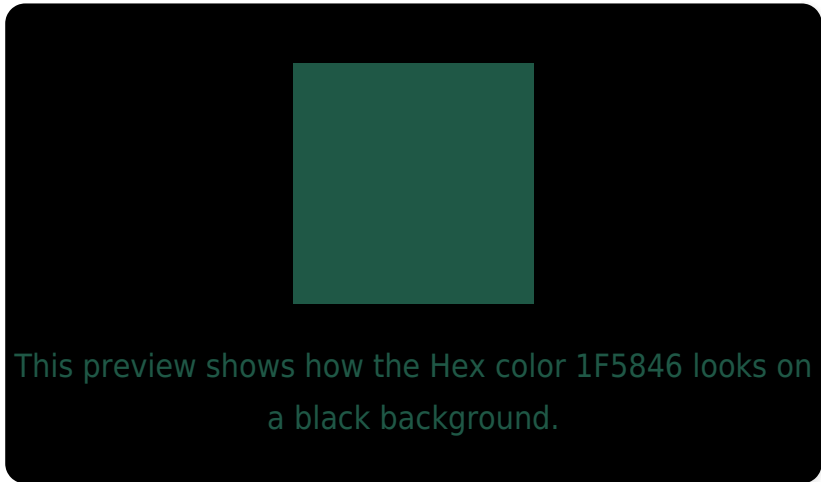
Large Text (above 18pt) WCAG AA ✓ Pass

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

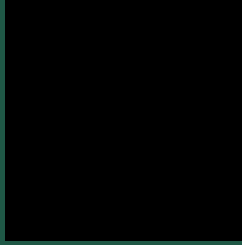
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 1F5846 Background



This preview shows how black text looks on a background with the Hex color 1F5846.



This preview shows how white text looks on a background with the Hex color 1F5846.

# 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](#).

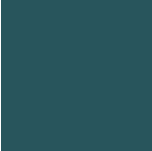
## Dichromacy



**Original Color**  
1F5846

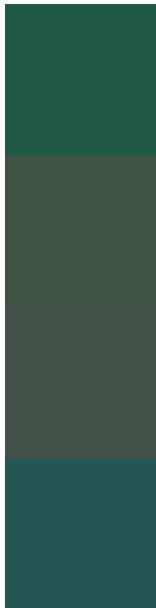
**Protanopia**  
534E41

**Deuteranopia**  
584B49



**Tritanopia**  
28555C

# Trichromacy



**Original Color**  
1F5846

**Protanomaly**  
405243

**Deuteranomaly**  
435048

**Tritanomaly**  
255654

# Monochromacy



**Original Color**  
1F5846

**Achromatopsia**  
454545

**Achromatomaly**  
374C45

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1F5846 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 #1F5846 looks like.

```
.text, #text, p{  
    color:#1F5846  
}
```

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 #1F5846 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1F5846
}
```

## Border

The CSS property to change the border of an element to Hex 1F5846 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
#1F5846 }
```

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

```
.border{ border-color:#1F5846 }
```

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

Here you see how a box with a 4 pixel #1F5846 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1F5846; -webkit-box-shadow:4px 4px  
4px 4px #1F5846; box-shadow:4px 4px 4px  
4px #1F5846 }
```

# Background

The CSS property to change the background color of an element to Hex 1F5846 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1F5846 }
```

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

```
.background{ background-color:#1F5846 }
```

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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