

# Converting Colors

Hex(1F6841)

Have a look what the booklet for  
Hex(1F6841) contains.

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# Color

**Hex(1F6841)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1F6841
RGB	31, 104, 65
RGB Percent	12%, 41%, 25%
CMY	0.8784, 0.5922, 0.7451
CMYK	0.70, 0.00, 0.38, 0.59
HSL	148°, 54%, 26%
HSV	148°, 70%, 41%
XYZ	6.4695, 10.5736, 6.7010
YIQ	77.7270, -30.9890, -27.6050

# Conversions

## Conversions Part 2

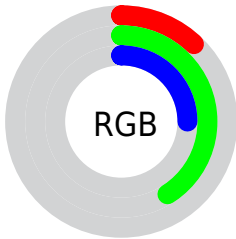
<b>Format</b>	<b>Color</b>
<b>RYB</b>	31, 81, 104
Decimal	2058305
CIELab	38.85, -32.29, 15.61
CIELCh	39, 35.861, 154.195
Yxy	10.5736, 0.2725, 0.4453
Android (android.graphics.Color)	4280248385 (0xFF1F6841)
YUV	77.7270, -6.2744, -40.9796
Hunter-Lab	32.5171, -21.3909, 10.5437

# Details

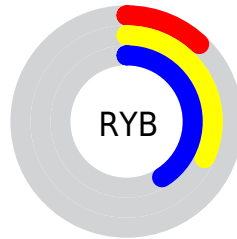
The Hex color **1F6841** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **681F46**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **559C71**, and **003816** is the 20% darker color. If you saturate the color by 10%, you get **15683B**, and if you desaturate by 10%, it is **296847**.

# Distribution



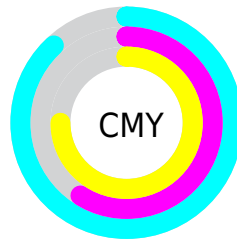
- Red (12%)
- Green (41%)
- Blue (25%)



- Red (12%)
- Yellow (32%)
- Blue (41%)



- Cyan (70%)
- Magenta (0%)
- Yellow (38%)
- Black (59%)



- Cyan (88%)
- Magenta (59%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1F6841 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 1F6841 by changing the saturation by 10% instead.



 1F6841

 1F6841

FFFFFF

 004F2B

 559C71

 003816

 70B78B

 002300

 8AD3A5

 000000

 A6EFC0

 C2FFDC

 DEFFF9

 FCFFFF

 1F6841

 1F6841

■ 15683B

■ 296847

■ 0A6836

■ 34684C

■ 006830

■ 3E6852

■ 496857

■ 53685D

■ 5D6862

■ 686868

■ 72686D

■ 7D6873

# Harmonies

## Analogous

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



4A6329



1F6841



006A5F

# Triad

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



1F6841



2B5D95



8F463C

# Complementary

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



1F6841



681F46

# 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.



914259



1F6841



63528C

# Square

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



1F6841



00658F



824775



805127

# Rectangle

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



1F6841



006A72



824775



914445



# Sweetspot

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



1F6841



6B8778



47681F



34453C



C4C4C4



454545



# Same Dimension

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



1F6841



16874A



1F6864



2E3330



007335



00F271



# Inverse Universe

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



681F46



871652



681F23



332E31



73003D



F20081



# Previews

## White Background



This preview shows how the Hex color 1F6841 looks on a white background.

## Color Contrast Check

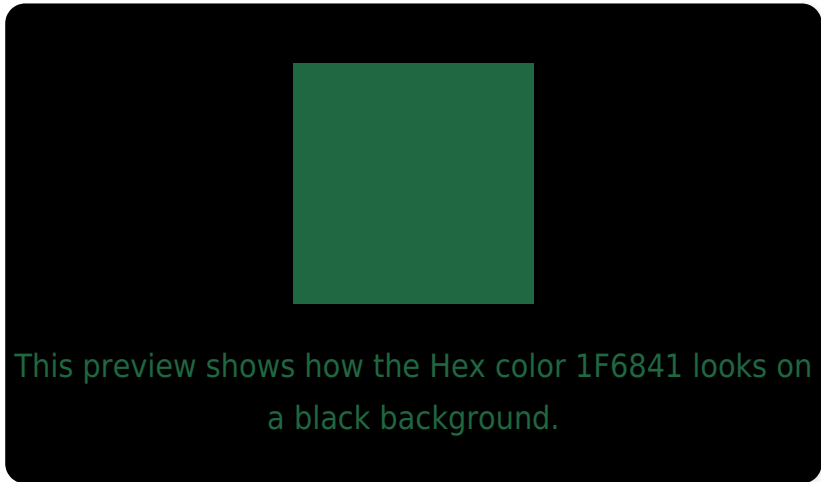
Large Text (above 18pt) WCAG AA ✓ Pass

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

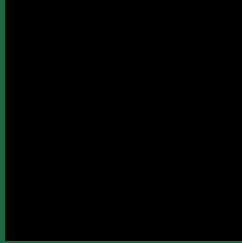
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 1F6841 Background



This preview shows how black text looks on a background with the Hex color 1F6841.



This preview shows how white text looks on a background with the Hex color 1F6841.

# 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**  
1F6841

**Protanopia**  
635B3C

**Deuteranopia**  
6B5745



**Tritanopia**  
2F636B

# Trichromacy



**Original Color**  
1F6841

**Protanomaly**  
4A603E

**Deuteranomaly**  
4F5D44

**Tritanomaly**  
29655C

# Monochromacy



**Original Color**  
1F6841

**Achromatopsia**  
4E4E4E

**Achromatomaly**  
3D5749

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1F6841 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 #1F6841 looks like.

```
.text, #text, p{  
    color:#1F6841  
}
```

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 #1F6841 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1F6841
}
```

## Border

The CSS property to change the border of an element to Hex 1F6841 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
#1F6841 }
```

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

```
.border{ border-color:#1F6841 }
```

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

Here you see how a box with a 4 pixel #1F6841 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1F6841; -webkit-box-shadow:4px 4px  
4px 4px #1F6841; box-shadow:4px 4px 4px  
4px #1F6841 }
```

# Background

The CSS property to change the background color of an element to Hex 1F6841 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1F6841 }
```

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

```
.background{ background-color:#1F6841 }
```

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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