

# Converting Colors

Hex(1F5705)

Have a look what the booklet for  
Hex(1F5705) contains.

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# Color

Hex(1F5705)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	1F5705
RGB	31, 87, 5
RGB Percent	12%, 34%, 2%
CMY	0.8784, 0.6588, 0.9804
CMYK	0.64, 0.00, 0.94, 0.66
HSL	101°, 89%, 18%
HSV	101°, 94%, 34%
XYZ	4.0007, 7.1187, 1.3068
YIQ	60.9080, -7.0540, -37.3740

# Conversions

## Conversions Part 2

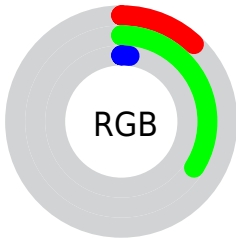
<b>Format</b>	<b>Color</b>
<b>RYB</b>	5, 87, 61
Decimal	2053893
CIELab	32.08, -33.29, 37.10
CIElCh	32, 49.848, 131.907
Yxy	7.1187, 0.3220, 0.5729
Android (android.graphics.Color)	4280243973 (0xFF1F5705)
YUV	60.9080, -27.5626, -26.2293
Hunter-Lab	26.6808, -19.9262, 15.7727

# Details

The Hex color **1F5705** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **3D0557**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **548A39**, and **002900** is the 20% darker color. If you saturate the color by 10%, you get **1C5700**, and if you desaturate by 10%, it is **25570E**.

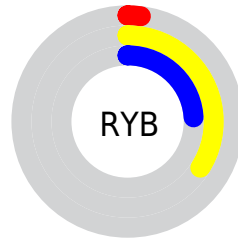
# Distribution



Red (12%)

Green (34%)

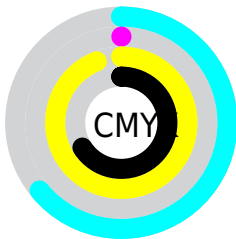
Blue (2%)



Red (2%)

Yellow (34%)

Blue (24%)

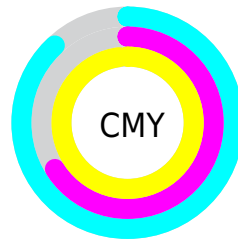


Cyan (64%)

Magenta (0%)

Yellow (94%)

Black (66%)



Cyan (88%)

Magenta (66%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1F5705 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 1F5705 by changing the saturation by 10% instead.



 1F5705

 1F5705

 FFFFF3

 023F00

 548A39

 002900

 6EA451

 000E00

 89BF6B

 000000

 A4DB84

 C0F89F

 DCFB8B

 F9FFD7

 1F5705

 1F5705

■ 1C5700

■ 25570E

■ 2B5716

■ 31571F

■ 375728

■ 3D5730

■ 435739

■ 495742

■ 4F574B

■ 545753

# Harmonies

## Analogous

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



4E4F00



1F5705



005B31

# Triad

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



1F5705



005696



901D3E

# Complementary

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



1F5705



3D0557

# 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.



852465



1F5705



004B99

# Square

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



1F5705



005C7F



603986



872D18

# Rectangle

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



1F5705



005C4D



603986



8F1C4B



# Sweetspot

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



1F5705



5B7051



573C05



2B3825



B8B8B8



383838



# Same Dimension

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



1F5705



247000



055713



282B27



226B00



4AEB00



# Inverse Universe

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



3D0557



4D0070



570549



2A272B



49006B

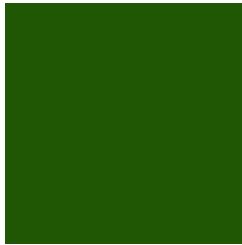


A000EB



# Previews

## White Background



This preview shows how the Hex color 1F5705 looks on a white background.

## Color Contrast Check

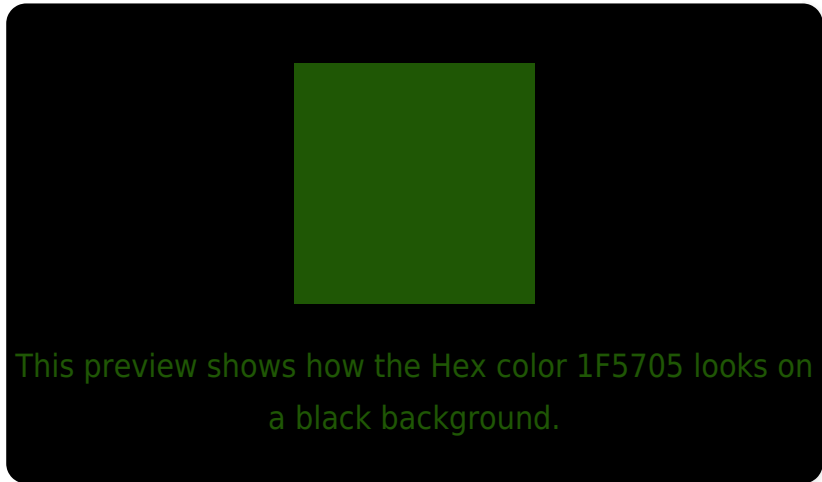
Large Text (above 18pt) WCAG AA ✓ Pass

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

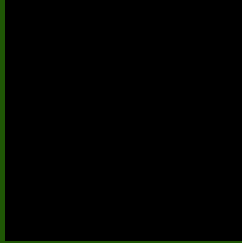
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 1F5705 Background



This preview shows how black text looks on a background with the Hex color 1F5705.



This preview shows how white text looks on a background with the Hex color 1F5705.

# 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**  
1F5705

**Protanopia**  
554C00

**Deuteranopia**  
5F4813



**Tritanopia**  
2E5157

# Trichromacy



**Original Color**  
1F5705

**Protanomaly**  
415002

**Deuteranomaly**  
484D0E

**Tritanomaly**  
295339

# Monochromacy



**Original Color**  
1F5705

**Achromatopsia**  
3D3D3D

**Achromatomaly**  
324629

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1F5705 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 #1F5705 looks like.

```
.text, #text, p{  
    color:#1F5705  
}
```

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 #1F5705 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1F5705
}
```

## Border

The CSS property to change the border of an element to Hex 1F5705 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".

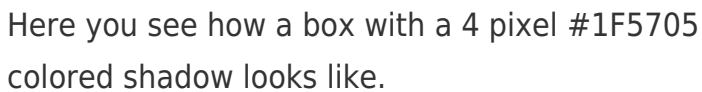
```
.border, #border, table{ border:4px solid
#1F5705 }
```

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

```
.border{ border-color:#1F5705 }
```

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

Here you see how a box with a 4 pixel #1F5705 colored shadow looks like.

A rectangular box with a thick green border and a green shadow. The box is white with a green border and a green shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1F5705; -webkit-box-shadow:4px 4px  
4px 4px #1F5705; box-shadow:4px 4px 4px  
4px #1F5705 }
```

# Background

The CSS property to change the background color of an element to Hex 1F5705 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1F5705 }
```

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

```
.background{ background-color:#1F5705 }
```

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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