

# Converting Colors

Hex(105F13)

Have a look what the booklet for  
Hex(105F13) contains.

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# Color

**Hex(105F13)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	105F13
RGB	16, 95, 19
RGB Percent	6%, 37%, 7%
CMY	0.9373, 0.6275, 0.9255
CMYK	0.83, 0.00, 0.80, 0.63
HSL	122°, 71%, 22%
HSV	122°, 83%, 37%
XYZ	4.4234, 8.3416, 1.9930
YIQ	62.7150, -22.6880, -40.3840

# Conversions

## Conversions Part 2

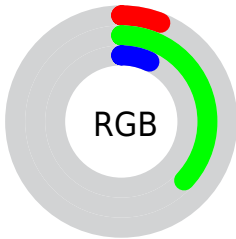
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	16, 92, 95
Decimal	1072915
CIE <sub>Lab</sub>	34.68, -38.62, 34.68
CIE <sub>LCh</sub>	35, 51.902, 138.076
Yxy	8.3416, 0.2997, 0.5652
Android (android.graphics.Color)	4279262995 (0xFF105F13)
YUV	62.7150, -21.5515, -40.9691
Hunter-Lab	28.8818, -23.2047, 16.1259

# Details

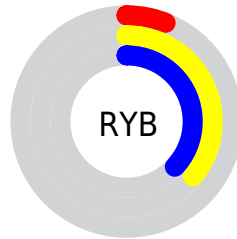
The Hex color **105F13** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **5F105C**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **4B9244**, and **002F00** is the 20% darker color. If you saturate the color by 10%, you get **065F0A**, and if you desaturate by 10%, it is **195F1C**.

# Distribution



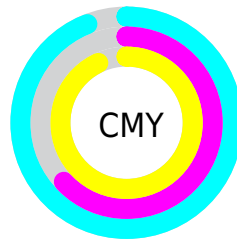
- Red (6%)
- Green (37%)
- Blue (7%)



- Red (6%)
- Yellow (36%)
- Blue (37%)



- Cyan (83%)
- Magenta (0%)
- Yellow (80%)
- Black (63%)



- Cyan (94%)
- Magenta (63%)
- Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 105F13 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 105F13 by changing the saturation by 10% instead.



 105F13

 105F13

FFFFFF

 004700

 4B9244

 002F00

 66AD5C

 001900

 81C976

 000000

 9DE590

 B9FFAB

 D5FFC6

 F2FFE3

 105F13

 105F13

■ 065F0A

■ 195F1C

■ 005F04

■ 235F25

■ 2C5F2E

■ 365F38

■ 405F41

■ 495F4A

■ 525F53

■ 5C5F5C

■ 665F65

# Harmonies

## Analogous

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



4C5700



105F13



00633F

# Triad

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



105F13



005BA3



99233B

# Complementary

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



105F13



5F105C

# 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.



922464



105F13



224EA1

# Square

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



105F13



00628F



723989



8C3713

# Rectangle

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



105F13



00645C



723989



9A2048



# Sweetspot

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



105F13



5C7A5D



5C5F10



2B3D2C



BDBDBD



3D3D3D



# Same Dimension

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



105F13



007A05



105F3A



2C302C



007004



00F009



# Inverse Universe

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



5F105C



7A0076



5F1035



302C30



70006C



F000E7



# Previews

## White Background



This preview shows how the Hex color 105F13 looks on a white background.

## Color Contrast Check

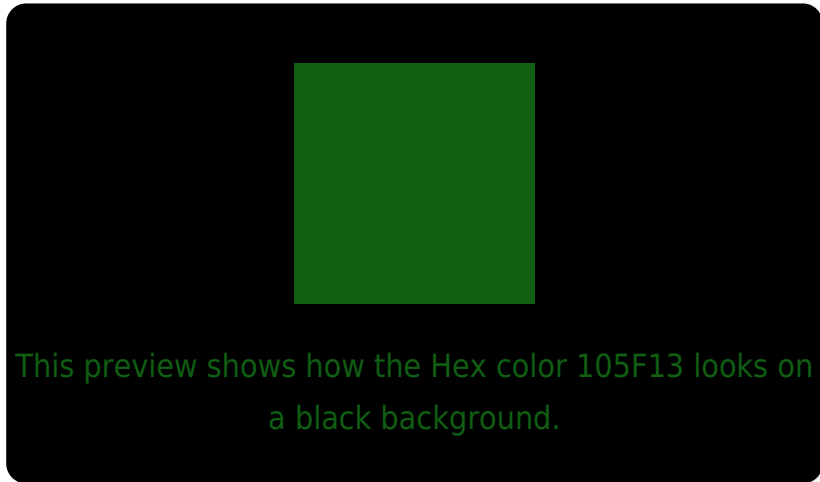
Large Text (above 18pt) WCAG AA ✓ Pass

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 105F13 Background



This preview shows how black text looks on a background with the Hex color 105F13.



This preview shows how white text looks on a background with the Hex color 105F13.

# 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](#).

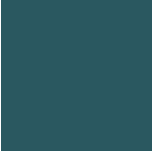
## Dichromacy



**Original Color**  
105F13

**Protanopia**  
5C5210

**Deuteranopia**  
664D1B



**Tritanopia**  
2A5860

# Trichromacy



**Original Color**  
105F13

**Protanomaly**  
405711

**Deuteranomaly**  
475418

**Tritanomaly**  
215B44

# Monochromacy



**Original Color**  
105F13

**Achromatopsia**  
3F3F3F

**Achromatomaly**  
2E4B2F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 105F13 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 #105F13 looks like.

```
.text, #text, p{  
    color:#105F13  
}
```

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 #105F13 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #105F13
}
```

## Border

The CSS property to change the border of an element to Hex 105F13 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".

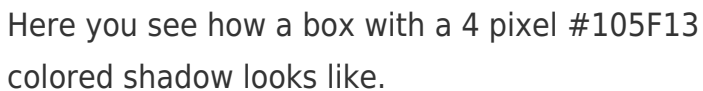
```
.border, #border, table{ border:4px solid
#105F13 }
```

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

```
.border{ border-color:#105F13 }
```

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

Here you see how a box with a 4 pixel #105F13 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #105F13; -webkit-box-shadow:4px 4px  
4px 4px #105F13; box-shadow:4px 4px 4px  
4px #105F13 }
```

# Background

The CSS property to change the background color of an element to Hex 105F13 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#105F13 }
```

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

```
.background{ background-color:#105F13 }
```

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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