

# Converting Colors

Hex(66060F)

Have a look what the booklet for  
Hex(66060F) contains.

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# Color

**Hex(66060F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	66060F
RGB	102, 6, 15
RGB Percent	40%, 2%, 6%
CMY	0.6000, 0.9765, 0.9412
CMYK	0.00, 0.94, 0.85, 0.60
HSL	354°, 89%, 21%
HSV	354°, 94%, 40%
XYZ	5.6308, 2.9895, 0.7322
YIQ	35.7300, 54.3270, 23.1510

# Conversions

## Conversions Part 2

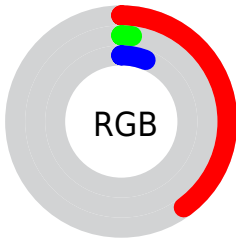
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	102, 6, 15
Decimal	6686223
CIE Lab	20.00, 39.74, 24.01
CIE LCh	20, 46.428, 31.145
Yxy	2.9895, 0.6021, 0.3196
Android (android.graphics.Color)	4284876303 (0xFF66060F)
YUV	35.7300, -10.2199, 58.1188
Hunter-Lab	17.2902, 27.8735, 9.5924

# Details

The Hex color **66060F** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **06665D**, and the grayscale version is **242424**.

A 20% lighter version of the original color is **9F3F39**, and **320002** is the 20% darker color. If you saturate the color by 10%, you get **66000A**, and if you desaturate by 10%, it is **661018**.

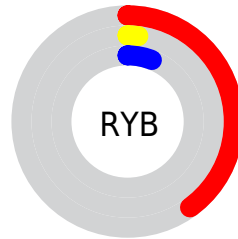
# Distribution



Red (40%)

Green (2%)

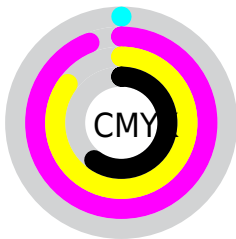
Blue (6%)



Red (40%)

Yellow (2%)

Blue (6%)

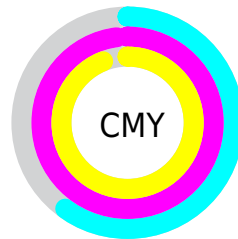


Cyan (0%)

Magenta (94%)

Yellow (85%)

Black (60%)



Cyan (60%)

Magenta (98%)

Yellow (94%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 66060F 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 66060F by changing the saturation by 10% instead.



 66060F

 66060F

 FFFDEF

 4A0000

 9F3F39

 320002

 BD5850

 000000

 DB7269

 F98D82

 FFA89C

 FFC4B7

 FFE0D2

 66060F

 66060F

■ 66000A

■ 661018

■ 661A21

■ 66252B

■ 662F34

■ 66393D

■ 664346

■ 664D50

■ 665859

■ 666262

# Harmonies

## Analogous

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



690031



66060F



562000

# Triad

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



66060F



003C0B



003575

# Complementary

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



66060F



06665D

# 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.



003C6C



66060F



003E31

# Square

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



66060F



193800



003E53



2B266B

# Rectangle

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



66060F



452B00



003E53



003874



# Sweetspot

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



66060F



855F63



5C0666



422C2E



C2C2C2



424242



# Same Dimension

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



66060F



85000C



662C06



332E2E



73000B



F20017



# Inverse Universe

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



66060F



85000C



064066



332E2E



73000B

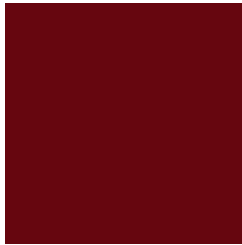


F20017



# Previews

## White Background



This preview shows how the Hex color 66060F looks on a white background.

## Color Contrast Check

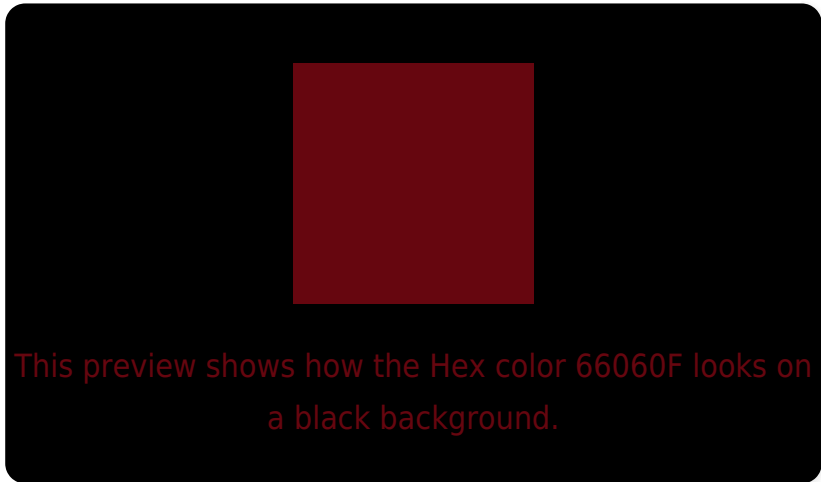
Large Text (above 18pt) WCAG AA ✓ Pass

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

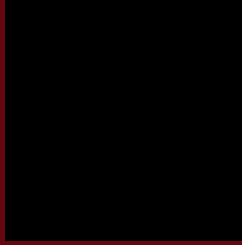
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 66060F Background



This preview shows how black text looks on a background with the Hex color 66060F.

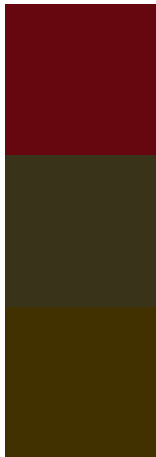


This preview shows how white text looks on a background with the Hex color 66060F.

# 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**  
66060F

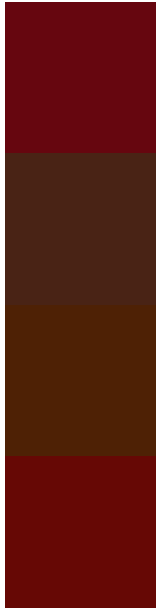
**Protanopia**  
393419

**Deuteranopia**  
413100



**Tritanopia**  
660900

# Trichromacy



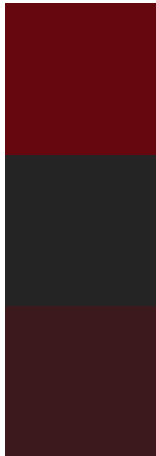
**Original Color**  
66060F

**Protanomaly**  
492315

**Deuteranomaly**  
4E2105

**Tritanomaly**  
660805

# Monochromacy



**Original Color**  
66060F

**Achromatopsia**  
242424

**Achromatomaly**  
3C191C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 66060F 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 #66060F looks like.

```
.text, #text, p{  
    color:#66060F  
}
```

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 #66060F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66060F
}
```

## Border

The CSS property to change the border of an element to Hex 66060F is called "border". The border property can be set on classes, ids or directly on the HTML element.

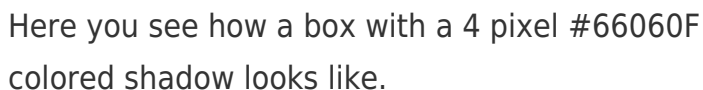
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#66060F }
```

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

```
.border{ border-color:#66060F }
```

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



Here you see how a box with a 4 pixel #66060F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66060F; -webkit-box-shadow:4px 4px  
4px 4px #66060F; box-shadow:4px 4px 4px  
4px #66060F }
```

# Background

The CSS property to change the background color of an element to Hex 66060F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66060F }
```

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

```
.background{ background-color:#66060F }
```

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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