

# Converting Colors

Hex(64550F)

Have a look what the booklet for  
Hex(64550F) contains.

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**Color**

**Hex(64550F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	64550F
RGB	100, 85, 15
RGB Percent	39%, 33%, 6%
CMY	0.6078, 0.6667, 0.9412
CMYK	0.00, 0.15, 0.85, 0.61
HSL	49°, 74%, 23%
HSV	49°, 85%, 39%
XYZ	8.5903, 9.2408, 1.7828
YIQ	81.5050, 31.4100, -18.5900

# Conversions

## Conversions Part 2

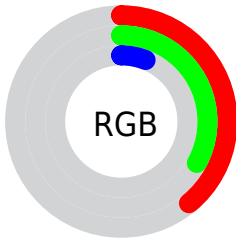
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	33, 100, 15
Decimal	6575375
CIE Lab	36.44, -1.67, 39.63
CIE LCh	36, 39.669, 92.408
Yxy	9.2408, 0.4380, 0.4711
Android (android.graphics.Color)	4284765455 (0xFF64550F)
YUV	81.5050, -32.7870, 16.2201
Hunter-Lab	30.3987, -2.7561, 17.8018

# Details

The Hex color **64550F** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **0F1E64**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **9A8641**, and **322800** is the 20% darker color. If you saturate the color by 10%, you get **645305**, and if you desaturate by 10%, it is **645719**.

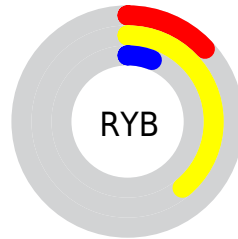
# Distribution



Red (39%)

Green (33%)

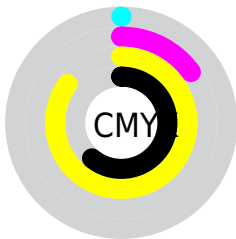
Blue (6%)



Red (13%)

Yellow (39%)

Blue (6%)

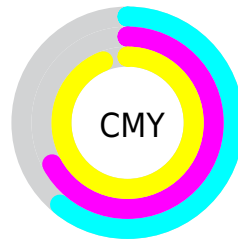


Cyan (0%)

Magenta (15%)

Yellow (85%)

Black (61%)



Cyan (61%)

Magenta (67%)

Yellow (94%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 64550F 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 64550F by changing the saturation by 10% instead.



 64550F

 64550F

FFFFFFC

 4B3E00

 9A8641

 322800

 B6A059

 191400

 D2BB73

 000000

 EFD78D

 FFF3A8

 FFFFC3

 FFFFDF

 64550F

 64550F

■ 645305

■ 645719

■ 645200

■ 645923

■ 645A2D

■ 645C37

■ 645E41

■ 64604B

■ 646155

■ 64635F

■ 646569

# Harmonies

## Analogous

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



7D491C



64550F



445E1C

# Triad

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



64550F



006477



7E3F74

# Complementary

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



64550F



0F1E64

# 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.



5A4C8C



64550F



00618E

# Square

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



64550F



006557



005995



8F3854

# Rectangle

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



64550F



27612D



005995



75437D



# Sweetspot

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



64550F



827C60



640F1F



423F2E



C2C2C2



424242



# Same Dimension

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



64550F



826B00



49640F



33322E



735F00



F2C700



# Inverse Universe

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



0F1E64



001782



2A0F64



2E2F33



001473

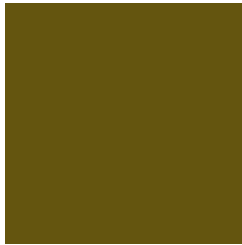


002BF2



# Previews

## White Background



This preview shows how the Hex color 64550F looks on a white background.

## Color Contrast Check

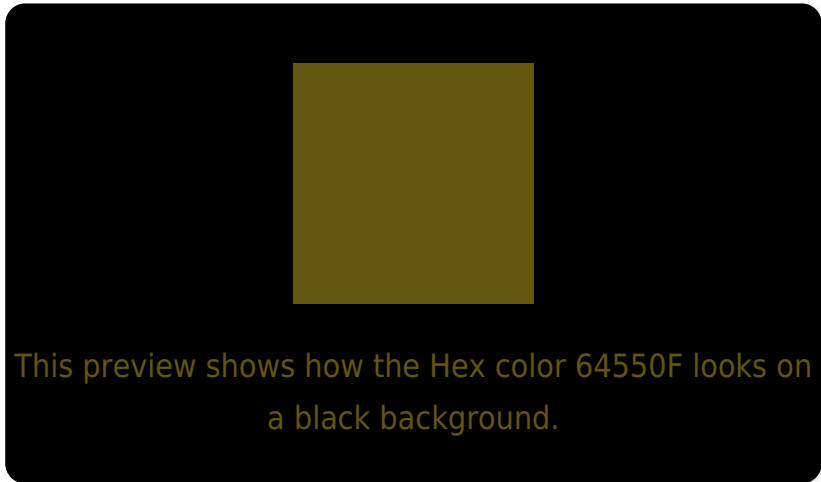
Large Text (above 18pt) WCAG AA ✓ Pass

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 64550F Background



This preview shows how black text looks on a background with the Hex color 64550F.



This preview shows how white text looks on a background with the Hex color 64550F.

# 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**  
64550F

**Protanopia**  
61560F

**Deuteranopia**  
6C5211



**Tritanopia**  
694F55

# Trichromacy



**Original Color**  
64550F

**Protanomaly**  
62560F

**Deuteranomaly**  
695310

**Tritanomaly**  
67513C

# Monochromacy



**Original Color**  
64550F

**Achromatopsia**  
525252

**Achromatomaly**  
59533A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 64550F 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 #64550F looks like.

```
.text, #text, p{  
    color:#64550F  
}
```

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 #64550F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64550F
}
```

## Border

The CSS property to change the border of an element to Hex 64550F is called "border". The border property can be set on classes, ids or directly on the HTML element.

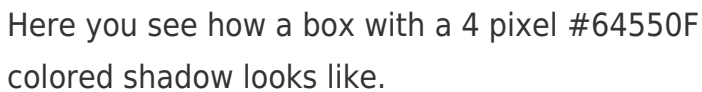
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#64550F }
```

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

```
.border{ border-color:#64550F }
```

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



Here you see how a box with a 4 pixel #64550F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64550F; -webkit-box-shadow:4px 4px  
4px 4px #64550F; box-shadow:4px 4px 4px  
4px #64550F }
```

# Background

The CSS property to change the background color of an element to Hex 64550F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64550F }
```

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

```
.background{ background-color:#64550F }
```

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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