

# Converting Colors

Hex(55652F)

Have a look what the booklet for  
Hex(55652F) contains.

<b>Hex(55652F)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(55652F)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	55652F
RGB	85, 101, 47
RGB Percent	33%, 40%, 18%
CMY	0.6667, 0.6039, 0.8157
CMYK	0.16, 0.00, 0.53, 0.60
HSL	78°, 36%, 29%
HSV	78°, 53%, 40%
XYZ	8.9131, 11.4439, 4.4284
YIQ	90.0600, 7.7980, -20.1860

# Conversions

## Conversions Part 2

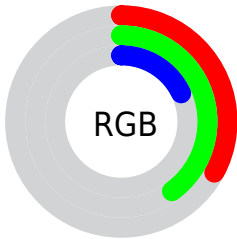
<b>Format</b>	<b>Color</b>
<b>RYB</b>	47, 101, 63
Decimal	5596463
CIELab	40.32, -15.59, 28.32
CIELCh	40, 32.328, 118.833
Yxy	11.4439, 0.3596, 0.4617
Android (android.graphics.Color)	4283786543 (0xFF55652F)
YUV	90.0600, -21.2286, -4.4376
Hunter-Lab	33.8288, -12.1700, 15.9187

# Details

The Hex color **55652F** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **3F2F65**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **88985F**, and **263600** is the 20% darker color. If you saturate the color by 10%, you get **526525**, and if you desaturate by 10%, it is **586539**.

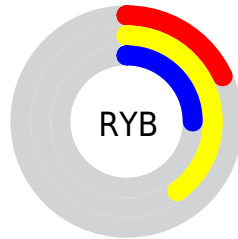
# Distribution



Red (33%)

Green (40%)

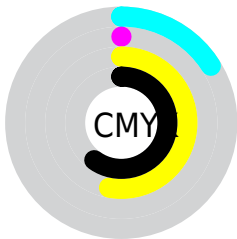
Blue (18%)



Red (18%)

Yellow (40%)

Blue (25%)

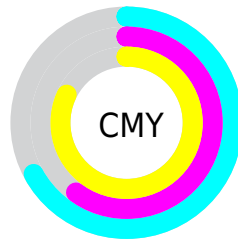


Cyan (16%)

Magenta (0%)

Yellow (53%)

Black (60%)



Cyan (67%)

Magenta (60%)

Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 55652F 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 55652F by changing the saturation by 10% instead.



 55652F

 55652F

FFFFFF

 3D4D18

 88985F

 263600

 A3B378

 0F2100

 BECE92

 000200

 DAEAAD

 000000

 F7FFC8

 FFFFE4

 55652F

 55652F

 526525

 586539

 4F651B

 5B6543

 4C6511

 5E654D

 496507

 616557

 476500

 646562

 67656C

 6A6576

 6D6580

 70658A

# Harmonies

## Analogous

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



705D29



55652F



346A43

# Triad

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



55652F



00698C



8F4961

# Complementary

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



55652F



3F2F65

# 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.



7F4F7B



55652F



2D6294

# Square

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



55652F



006C78



5F598D



904B47

# Rectangle

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



55652F



0F6C54



5F598D



8B4A6A



# Sweetspot

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



55652F



7C826D



653E2F



3F4236



C2C2C2



424242



# Same Dimension

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



55652F



69822F



3B652F



31332E



517300



AAF200



# Inverse Universe

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



3F2F65



472F82



592F65



2F2E33



220073



4800F2



# Previews

## White Background



This preview shows how the Hex color 55652F looks on a white background.

## Color Contrast Check

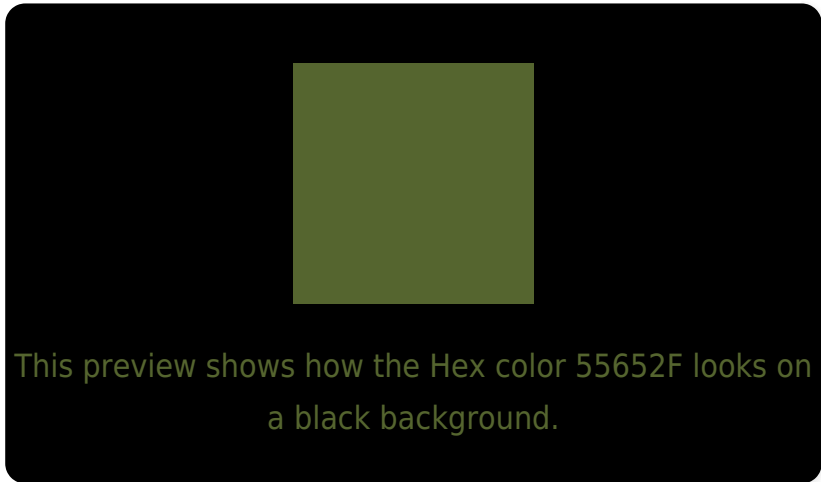
Large Text (above 18pt) WCAG AA ✓ Pass

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

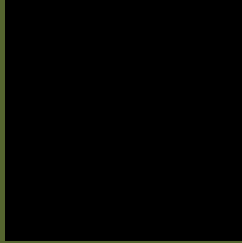
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 55652F Background



This preview shows how black text looks on a background with the Hex color 55652F.



This preview shows how white text looks on a background with the Hex color 55652F.

# 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**  
55652F

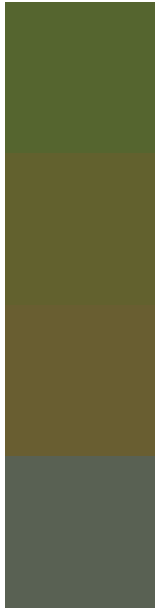
**Protanopia**  
695F2D

**Deuteranopia**  
745A32



**Tritanopia**  
5C5F67

# Trichromacy



**Original Color**  
55652F

**Protanomaly**  
62612E

**Deuteranomaly**  
695E31

**Tritanomaly**  
596153

# Monochromacy



**Original Color**  
55652F

**Achromatopsia**  
5A5A5A

**Achromatomaly**  
585E4A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 55652F 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 #55652F looks like.

```
.text, #text, p{  
    color:#55652F  
}
```

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 #55652F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #55652F
}
```

## Border

The CSS property to change the border of an element to Hex 55652F is called "border". The border property can be set on classes, ids or directly on the HTML element.

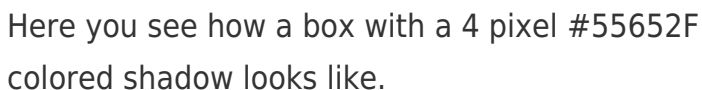
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#55652F }
```

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

```
.border{ border-color:#55652F }
```

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



Here you see how a box with a 4 pixel #55652F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #55652F; -webkit-box-shadow:4px 4px  
4px 4px #55652F; box-shadow:4px 4px 4px  
4px #55652F }
```

# Background

The CSS property to change the background color of an element to Hex 55652F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#55652F }
```

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

```
.background{ background-color:#55652F }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor