

# Converting Colors

Hex(69642F)

Have a look what the booklet for  
Hex(69642F) contains.

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**Color**

**Hex(69642F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	69642F
RGB	105, 100, 47
RGB Percent	41%, 39%, 18%
CMY	0.5882, 0.6078, 0.8157
CMYK	0.00, 0.05, 0.55, 0.59
HSL	55°, 38%, 30%
HSV	55°, 55%, 41%
XYZ	10.8960, 12.3228, 4.4936
YIQ	95.4530, 19.9930, -15.4230

# Conversions

## Conversions Part 2

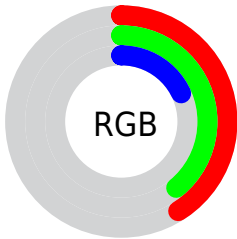
Format	Color
<b>RYB</b>	52, 105, 47
Decimal	6906927
CIELab	41.72, -5.92, 30.41
CIELCh	42, 30.981, 101.019
Yxy	12.3228, 0.3932, 0.4447
Android (android.graphics.Color)	4285097007 (0xFF69642F)
YUV	95.4530, -23.8873, 8.3727
Hunter-Lab	35.1039, -6.0269, 16.9831

# Details

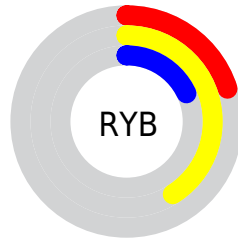
The Hex color **69642F** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **2F3469**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **9E975F**, and **383600** is the 20% darker color. If you saturate the color by 10%, you get **696325**, and if you desaturate by 10%, it is **69653A**.

# Distribution



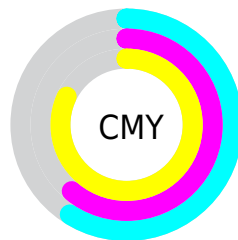
- Red (41%)
- Green (39%)
- Blue (18%)



- Red (20%)
- Yellow (41%)
- Blue (18%)



- Cyan (0%)
- Magenta (5%)
- Yellow (55%)
- Black (59%)



- Cyan (59%)
- Magenta (61%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 69642F 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 69642F by changing the saturation by 10% instead.





69642F



69642F

FFFFFF



504C18



9E975F



383600



B9B178



212000



D5CD92



000B00



F2E9AD



000000



FFFFC8



FFFFE5



69642F



69642F



696325



69653A

■ 69621A

■ 696644

■ 69610F

■ 69674F

■ 696005

■ 696859

■ 696000

■ 696964

■ 69696E

■ 696A78

■ 696B83

■ 696C8E

# Harmonies

## Analogous

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



805B32



69642F



4D6B3B

# Triad

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



69642F



006E83



895074

# Complementary

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



69642F



2F3469

# 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.



715889



69642F



036A92

# Square

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



69642F



00706B



4A6294



934E5A

# Rectangle

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



69642F



376D49



4A6294



83527C



# Sweetspot

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



69642F



8A8872



692F35



454437



C4C4C4



454545



# Same Dimension

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



69642F



8A822F



52692F



363530



756B00



F5E000



# Inverse Universe

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



2F3469



2F378A



462F69



303136



000A75



0015F5



# Previews

## White Background



This preview shows how the Hex color 69642F looks on a white background.

## Color Contrast Check

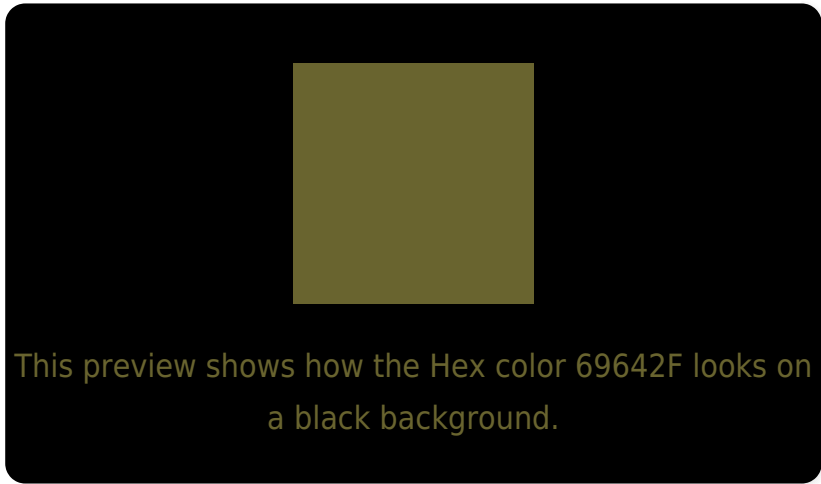
Large Text (above 18pt) WCAG AA ✓ Pass

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 69642F Background



This preview shows how black text looks on a background with the Hex color 69642F.



This preview shows how white text looks on a background with the Hex color 69642F.

# 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](#).

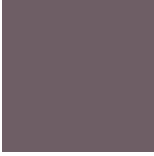
## Dichromacy



**Original Color**  
69642F

**Protanopia**  
6D632F

**Deuteranopia**  
795E31



**Tritanopia**  
6E5E65

# Trichromacy



**Original Color**  
69642F

**Protanomaly**  
6C632F

**Deuteranomaly**  
736030

**Tritanomaly**  
6C6051

# Monochromacy



**Original Color**  
69642F

**Achromatopsia**  
5F5F5F

**Achromatomaly**  
63614E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 69642F 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 #69642F looks like.

```
.text, #text, p{  
    color:#69642F  
}
```

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 #69642F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #69642F
}
```

## Border

The CSS property to change the border of an element to Hex 69642F 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
#69642F }
```

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

```
.border{ border-color:#69642F }
```

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

Here you see how a box with a 4 pixel #69642F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #69642F; -webkit-box-shadow:4px 4px  
4px 4px #69642F; box-shadow:4px 4px 4px  
4px #69642F }
```

# Background

The CSS property to change the background color of an element to Hex 69642F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#69642F }
```

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

```
.background{ background-color:#69642F }
```

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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