

# Converting Colors

Hex(63665F)

Have a look what the booklet for  
Hex(63665F) contains.

<b>Hex(63665F)</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(63665F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	63665F
RGB	99, 102, 95
RGB Percent	39%, 40%, 37%
CMY	0.6118, 0.6000, 0.6275
CMYK	0.03, 0.00, 0.07, 0.60
HSL	86°, 4%, 39%
HSV	86°, 7%, 40%
XYZ	11.9625, 12.9816, 12.7017
YIQ	100.3050, 0.4590, -2.8130

# Conversions

## Conversions Part 2

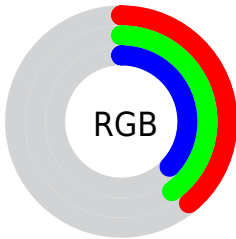
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	95, 102, 98
Decimal	6514271
CIE Lab	42.74, -2.60, 3.55
CIE LCh	43, 4.396, 126.246
Yxy	12.9816, 0.3178, 0.3448
Android (android.graphics.Color)	4284704351 (0xFF63665F)
YUV	100.3050, -2.6154, -1.1445
Hunter-Lab	36.0300, -3.7878, 4.3195

# Details

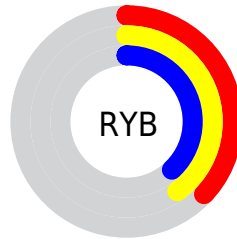
The Hex color **63665F** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **625F66**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **969991**, and **353731** is the 20% darker color. If you saturate the color by 10%, you get **5F6655**, and if you desaturate by 10%, it is **676669**.

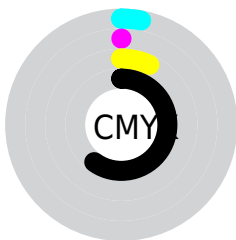
# Distribution



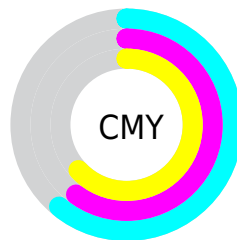
- Red (39%)
- Green (40%)
- Blue (37%)



- Red (37%)
- Yellow (40%)
- Blue (38%)



- Cyan (3%)
- Magenta (0%)
- Yellow (7%)
- Black (60%)



- Cyan (61%)
- Magenta (60%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 63665F 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 63665F by changing the saturation by 10% instead.





63665F



63665F

FFFFFF



4B4E47



969991



353731



B0B4AC



1F221C



CCCFC7



070C01



E8EBE3



000000



63665F



63665F



5F6655



676669



5A664B



6C6673



566640



70667E

■ 526636

■ 746688

■ 4D662C

■ 796692

■ 496622

■ 7D669C

■ 446618

■ 8266A6

■ 40660D

■ 8666B1

■ 3C6603

■ 8A66BB

# Harmonies

## Analogous

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



67655E



63665F



5F6762

# Triad

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



63665F



5E666B



6D6264

# Complementary

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



63665F



625F66

# 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.



6A6368



63665F



62656C

# Square

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



63665F



5C6769



67646B



6D6361

# Rectangle

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



63665F



5D6764



67646B



6C6365



# Sweetspot

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



63665F



838582



66625F



424241



C2C2C2



424242



# Same Dimension

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



63665F



80857A



60665F



31332E



427300



8AF200



# Inverse Universe

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



625F66



7F7A85



655F66



302E33



310073



6800F2



# Previews

## White Background



This preview shows how the Hex color 63665F looks on a white background.

## Color Contrast Check

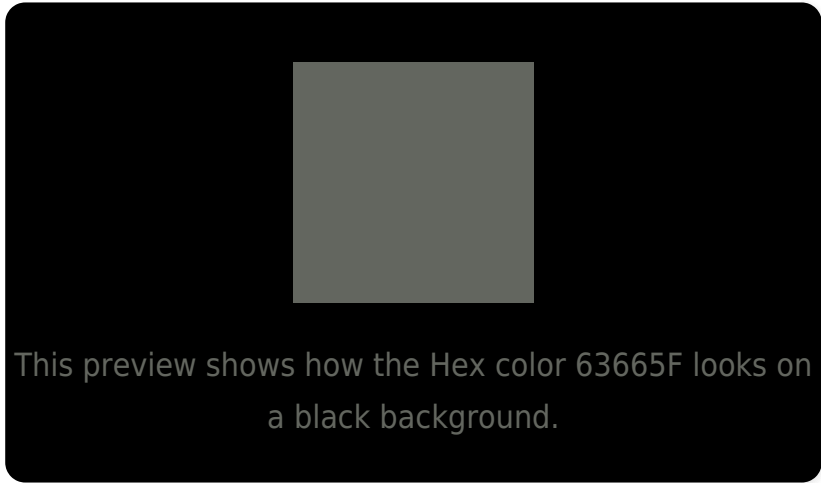
Large Text (above 18pt) WCAG AA ✓ Pass

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

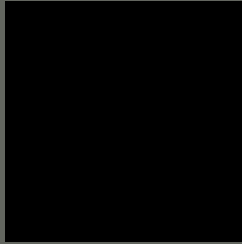
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 63665F Background



This preview shows how black text looks on a background with the Hex color 63665F.



This preview shows how white text looks on a background with the Hex color 63665F.

# 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**  
63665F

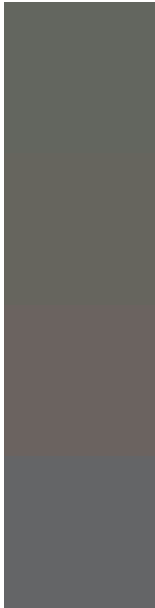
**Protanopia**  
68645E

**Deuteranopia**  
706160



**Tritanopia**  
65646C

# Trichromacy



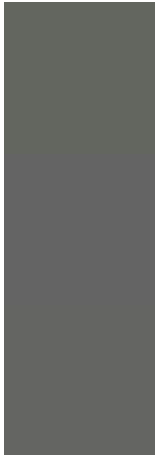
**Original Color**  
63665F

**Protanomaly**  
66655E

**Deuteranomaly**  
6B6360

**Tritanomaly**  
646567

# Monochromacy



**Original Color**  
63665F

**Achromatopsia**  
646464

**Achromatomaly**  
646562

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 63665F 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 #63665F looks like.

```
.text, #text, p{  
    color:#63665F  
}
```

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 #63665F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63665F
}
```

## Border

The CSS property to change the border of an element to Hex 63665F 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
#63665F }
```

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

```
.border{ border-color:#63665F }
```

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

Here you see how a box with a 4 pixel #63665F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63665F; -webkit-box-shadow:4px 4px  
4px 4px #63665F; box-shadow:4px 4px 4px  
4px #63665F }
```

# Background

The CSS property to change the background color of an element to Hex 63665F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63665F }
```

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

```
.background{ background-color:#63665F }
```

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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