

# Converting Colors

Hex(61564F)

Have a look what the booklet for  
Hex(61564F) contains.

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# Color

**Hex(61564F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	61564F
RGB	97, 86, 79
RGB Percent	38%, 34%, 31%
CMY	0.6196, 0.6627, 0.6902
CMYK	0.00, 0.11, 0.19, 0.62
HSL	23°, 10%, 35%
HSV	23°, 19%, 38%
XYZ	9.6688, 9.7615, 8.7717
YIQ	88.4910, 8.8030, 0.1550

# Conversions

## Conversions Part 2

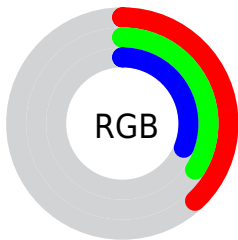
<b>Format</b>	<b>Color</b>
<b>RYB</b>	97, 90, 79
Decimal	6379087
CIELab	37.41, 3.19, 5.71
CIElCh	37, 6.539, 60.820
Yxy	9.7615, 0.3428, 0.3461
Android (android.graphics.Color)	4284569167 (0xFF61564F)
YUV	88.4910, -4.6791, 7.4624
Hunter-Lab	31.2434, 0.5642, 5.2245

# Details

The Hex color **61564F** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **4F5A61**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **948880**, and **322923** is the 20% darker color. If you saturate the color by 10%, you get **615045**, and if you desaturate by 10%, it is **615C59**.

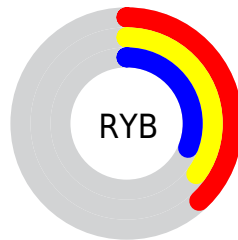
# Distribution



Red (38%)

Green (34%)

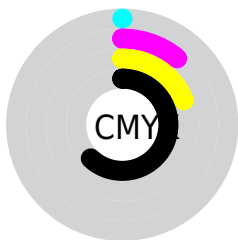
Blue (31%)



Red (38%)

Yellow (35%)

Blue (31%)

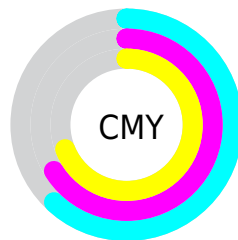


Cyan (0%)

Magenta (11%)

Yellow (19%)

Black (62%)



Cyan (62%)

Magenta (66%)

Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 61564F 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 61564F by changing the saturation by 10% instead.





61564F



61564F

FFFFFF



493F38



948880



322923



AEA29A



1E150D



CABDB5



000000



E6D9D0



FFF5ED



61564F



61564F



615045



615C59



614A3C



616262

■ 614432

■ 61686C

■ 613E28

■ 616E76

■ 61381F

■ 617480

■ 613215

■ 617A89

■ 612D0B

■ 617F93

■ 612701

■ 61859D

■ 612600

■ 618BA6

# Harmonies

## Analogous

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



635553



61564F



5C584E

# Triad

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



61564F



4C5B58



595761

# Complementary

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



61564F



4F5A61

# 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.



535862



61564F



4B5B5D

# Square

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



61564F



505B53



4D5A61



5F555D

# Rectangle

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



61564F



58594E



4D5A61



575762



# Sweetspot

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



61564F



7D7875



614F5A



403D3B



BFBFBF



404040



# Same Dimension

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



61564F



7D6C61



615F4F



302D2C



702C00



F05D00



# Inverse Universe

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



4F5A61



61727D



4F5161



2C2F30



004570

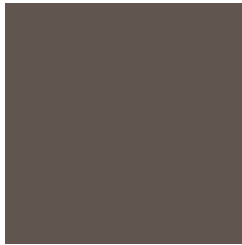


0092F0



# Previews

## White Background



This preview shows how the Hex color 61564F looks on a white background.

## Color Contrast Check

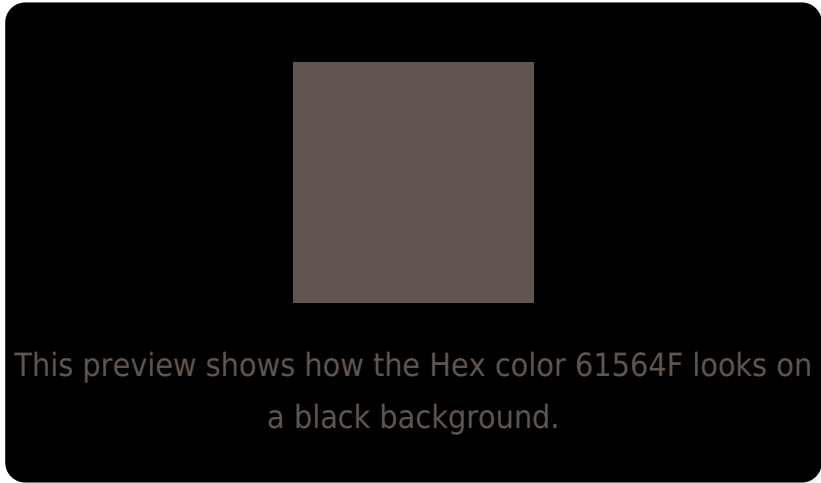
Large Text (above 18pt) WCAG AA ✓ Pass

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

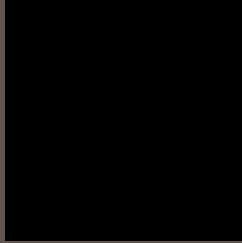
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 61564F Background



This preview shows how black text looks on a background with the Hex color 61564F.

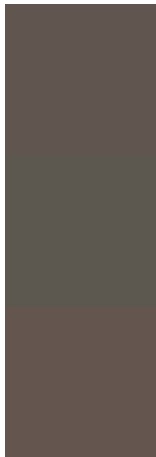


This preview shows how white text looks on a background with the Hex color 61564F.

# 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**  
61564F

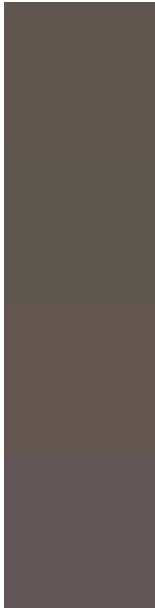
**Protanopia**  
5C5850

**Deuteranopia**  
64554F



**Tritanopia**  
63545B

# Trichromacy



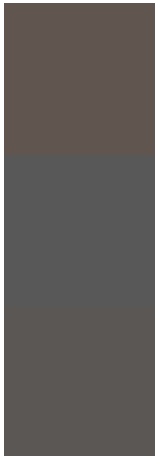
**Original Color**  
61564F

**Protanomaly**  
5E5750

**Deuteranomaly**  
63554F

**Tritanomaly**  
625557

# Monochromacy



**Original Color**  
61564F

**Achromatopsia**  
585858

**Achromatomaly**  
5B5755

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 61564F 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 #61564F looks like.

```
.text, #text, p{  
    color:#61564F  
}
```

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 #61564F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #61564F
}
```

## Border

The CSS property to change the border of an element to Hex 61564F is called "border". The border property can be set on classes, ids or directly on the HTML element.

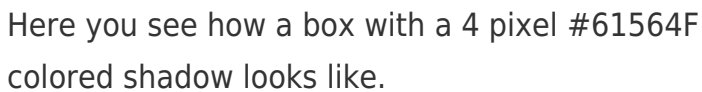
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#61564F }
```

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

```
.border{ border-color:#61564F }
```

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



Here you see how a box with a 4 pixel #61564F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #61564F; -webkit-box-shadow:4px 4px  
4px 4px #61564F; box-shadow:4px 4px 4px  
4px #61564F }
```

# Background

The CSS property to change the background color of an element to Hex 61564F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#61564F }
```

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

```
.background{ background-color:#61564F }
```

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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