

# Converting Colors

Hex(60695E)

Have a look what the booklet for  
Hex(60695E) contains.

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# Color

**Hex(60695E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	60695E
RGB	96, 105, 94
RGB Percent	38%, 41%, 37%
CMY	0.6235, 0.5882, 0.6314
CMYK	0.09, 0.00, 0.10, 0.59
HSL	109°, 6%, 39%
HSV	109°, 10%, 41%
XYZ	11.8958, 13.3981, 12.5488
YIQ	101.0550, -1.8330, -5.3290

# Conversions

## Conversions Part 2

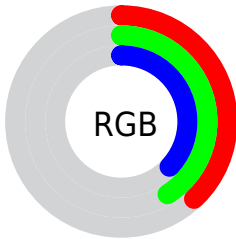
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	94, 105, 103
Decimal	6318430
CIE Lab	43.36, -5.74, 5.01
CIE LCh	43, 7.623, 138.905
Yxy	13.3981, 0.3143, 0.3540
Android (android.graphics.Color)	4284508510 (0xFF60695E)
YUV	101.0550, -3.4781, -4.4332
Hunter-Lab	36.6034, -6.0449, 5.2959

# Details

The Hex color **60695E** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **675E69**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **939C90**, and **323A30** is the 20% darker color. If you saturate the color by 10%, you get **576954**, and if you desaturate by 10%, it is **696969**.

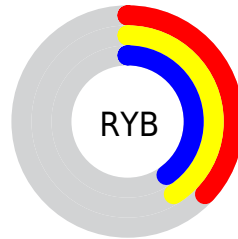
# Distribution



Red (38%)

Green (41%)

Blue (37%)



Red (37%)

Yellow (41%)

Blue (40%)

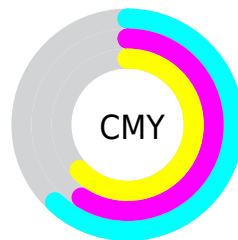


Cyan (9%)

Magenta (0%)

Yellow (10%)

Black (59%)



Cyan (62%)

Magenta (59%)

Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 60695E 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 60695E by changing the saturation by 10% instead.



60695E

60695E

FFFFFF

485146

939C90

323A30

ADB7AB

1D241B

C8D3C6

030F00

E5EFE2

000000

60695E

60695E

576954

696969

4F6949

716973

46693F

7A697E

■ 3E6934

■ 826988

■ 35692A

■ 8B6993

■ 2C691F

■ 94699D

■ 246915

■ 9C69A8

■ 1B690A

■ A569B2

■ 136900

■ AD69BD

# Harmonies

## Analogous

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



67675A



60695E



5A6A64

# Triad

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



60695E



5D6873



746263

# Complementary

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



60695E



675E69

# 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.



726269



60695E



656672

# Square

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



60695E



586970



6C646F



73635D

# Rectangle

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



60695E



576A68



6C646F



746265



# Sweetspot

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



60695E



868A86



69675E



434542



C4C4C4



454545



# Same Dimension

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



60695E



7B8A78



5E6961



313630



157500



2DF500



# Inverse Universe

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



675E69



86788A



695E66



353036



600075



C800F5



# Previews

## White Background



This preview shows how the Hex color 60695E looks on a white background.

## Color Contrast Check

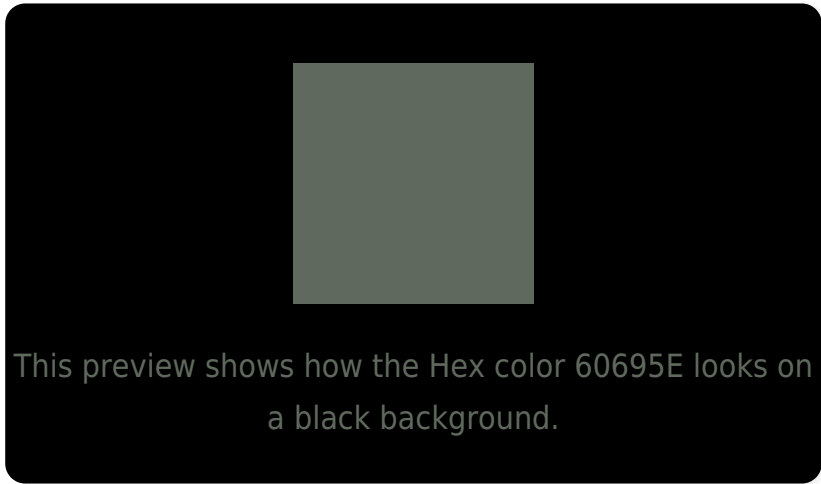
Large Text (above 18pt) WCAG AA ✓ Pass

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

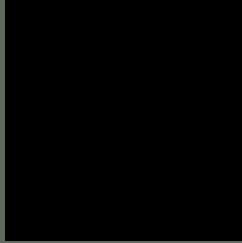
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

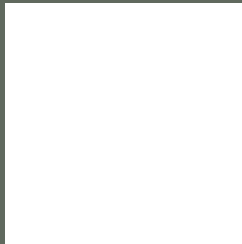
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 60695E Background



This preview shows how black text looks on a background with the Hex color 60695E.



This preview shows how white text looks on a background with the Hex color 60695E.

# 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**  
60695E

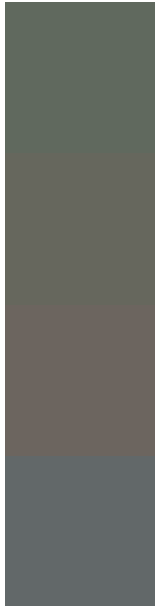
**Protanopia**  
6A665C

**Deuteranopia**  
73635F



**Tritanopia**  
63676F

# Trichromacy



**Original Color**  
60695E

**Protanomaly**  
66675D

**Deuteranomaly**  
6C655F

**Tritanomaly**  
626869

# Monochromacy



**Original Color**  
60695E

**Achromatopsia**  
656565

**Achromatomaly**  
636662

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 60695E 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 #60695E looks like.

```
.text, #text, p{  
    color:#60695E  
}
```

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 #60695E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #60695E
}
```

## Border

The CSS property to change the border of an element to Hex 60695E is called "border". The border property can be set on classes, ids or directly on the HTML element.

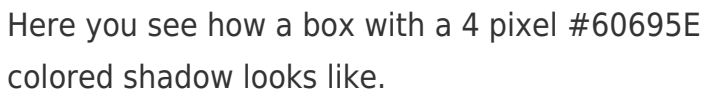
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#60695E }
```

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

```
.border{ border-color:#60695E }
```

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



Here you see how a box with a 4 pixel #60695E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #60695E; -webkit-box-shadow:4px 4px  
4px 4px #60695E; box-shadow:4px 4px 4px  
4px #60695E }
```

# Background

The CSS property to change the background color of an element to Hex 60695E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#60695E }
```

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

```
.background{ background-color:#60695E }
```

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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