

# Converting Colors

Hex(60445F)

Have a look what the booklet for  
Hex(60445F) contains.

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**Color**

**Hex(60445F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	60445F
RGB	96, 68, 95
RGB Percent	38%, 27%, 37%
CMY	0.6235, 0.7333, 0.6275
CMYK	0.00, 0.29, 0.01, 0.62
HSL	302°, 17%, 32%
HSV	302°, 29%, 38%
XYZ	8.9566, 7.4473, 11.7919
YIQ	79.4500, 8.0210, 14.3330

# Conversions

## Conversions Part 2

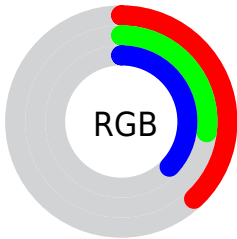
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	96, 68, 95
Decimal	6308959
CIE <sub>Lab</sub>	32.80, 17.17, -11.19
CIE <sub>LCh</sub>	33, 20.490, 326.910
Yxy	7.4473, 0.3177, 0.2641
Android (android.graphics.Color)	4284499039 (0xFF60445F)
YUV	79.4500, 7.6661, 14.5143
Hunter-Lab	27.2897, 10.8273, -6.5165

# Details

The Hex color **60445F** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **446045**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **937591**, and **311831** is the 20% darker color. If you saturate the color by 10%, you get **603A5F**, and if you desaturate by 10%, it is **604E5F**.

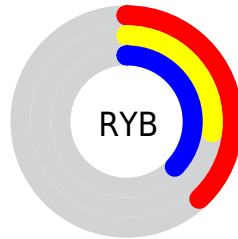
# Distribution



Red (38%)

Green (27%)

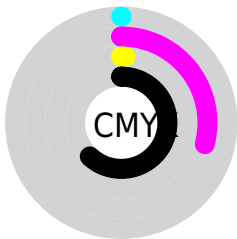
Blue (37%)



Red (38%)

Yellow (27%)

Blue (37%)

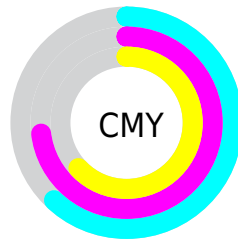


Cyan (0%)

Magenta (29%)

Yellow (1%)

Black (62%)



Cyan (62%)

Magenta (73%)

Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 60445F 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 60445F by changing the saturation by 10% instead.





60445F



60445F

FFFFFF



482D47



937591



311831



AE8EAC



1E001C



C9A9C7



000000



E5C4E3



FFE0FF



FFDFD



60445F



60445F



603A5F



604E5F

60315E

605760

60275E

606160

601E5E

606A60

60145D

607461

600A5D

607E61

60015D

608761

60005D

609162

609A62

# Harmonies

## Analogous

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



4D4A6A



60445F



6B414F

# Triad

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



60445F



594C2D



0F565B

# Complementary

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



60445F



446045

# 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.



21564B



60445F



495130

# Square

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



60445F



664633



36543B



195368

# Rectangle

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



60445F



6D4145



36543B



145656



# Sweetspot

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



60445F



7D727D



454460



40393F



BFBFBF



404040



# Same Dimension

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



60445F



7D517B



604451



302C30



70006C



F000E7



# Inverse Universe

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



60445F



7D517B



446053



302C30



70006C

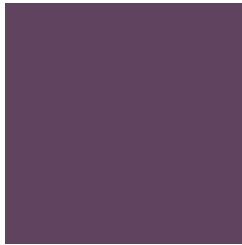


F000E7



# Previews

## White Background



This preview shows how the Hex color 60445F looks on a white background.

## Color Contrast Check

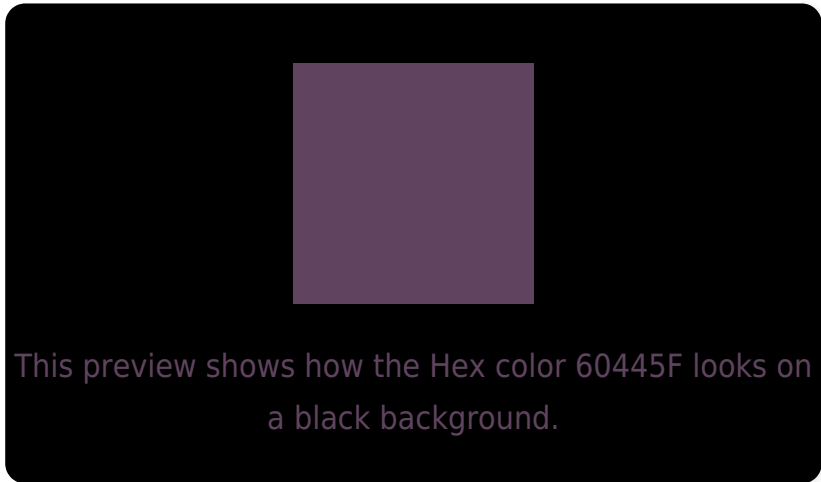
Large Text (above 18pt) WCAG AA ✓ Pass

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

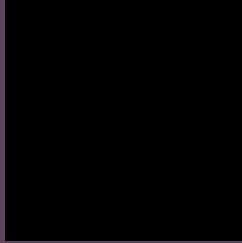
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 60445F Background



This preview shows how black text looks on a background with the Hex color 60445F.

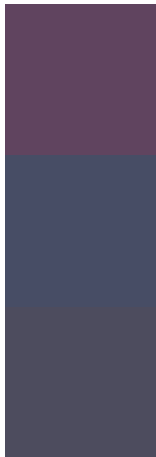


This preview shows how white text looks on a background with the Hex color 60445F.

# 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**  
60445F

**Protanopia**  
474D65

**Deuteranopia**  
4D4C5E



**Tritanopia**  
5E474D

# Trichromacy



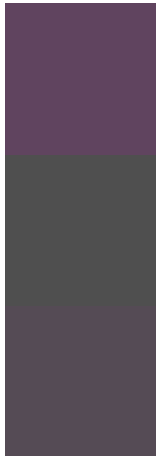
**Original Color**  
60445F

**Protanomaly**  
504A63

**Deuteranomaly**  
54495E

**Tritanomaly**  
5F4654

# Monochromacy



**Original Color**  
60445F

**Achromatopsia**  
4F4F4F

**Achromatomaly**  
554B55

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 60445F 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 #60445F looks like.

```
.text, #text, p{  
    color:#60445F  
}
```

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 #60445F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #60445F
}
```

## Border

The CSS property to change the border of an element to Hex 60445F is called "border". The border property can be set on classes, ids or directly on the HTML element.

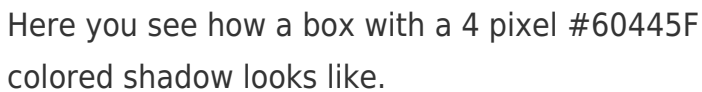
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#60445F }
```

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

```
.border{ border-color:#60445F }
```

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



Here you see how a box with a 4 pixel #60445F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #60445F; -webkit-box-shadow:4px 4px  
4px 4px #60445F; box-shadow:4px 4px 4px  
4px #60445F }
```

# Background

The CSS property to change the background color of an element to Hex 60445F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#60445F }
```

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

```
.background{ background-color:#60445F }
```

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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