

# Converting Colors

Hex(64545E)

Have a look what the booklet for  
Hex(64545E) contains.

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# Color

**Hex(64545E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	64545E
RGB	100, 84, 94
RGB Percent	39%, 33%, 37%
CMY	0.6078, 0.6706, 0.6314
CMYK	0.00, 0.16, 0.06, 0.61
HSL	322°, 9%, 36%
HSV	322°, 16%, 39%
XYZ	10.4462, 9.8581, 11.9419
YIQ	89.9240, 6.3260, 6.5020

# Conversions

## Conversions Part 2

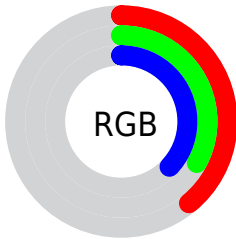
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	100, 84, 94
Decimal	6575198
CIE <sub>Lab</sub>	37.59, 8.53, -3.34
CIE <sub>LCh</sub>	38, 9.158, 338.586
Yxy	9.8581, 0.3240, 0.3057
Android (android.graphics.Color)	4284765278 (0xFF64545E)
YUV	89.9240, 2.0095, 8.8367
Hunter-Lab	31.3977, 4.4424, -0.5722

# Details

The Hex color **64545E** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **54645A**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **978690**, and **352730** is the 20% darker color. If you saturate the color by 10%, you get **644A5A**, and if you desaturate by 10%, it is **645E62**.

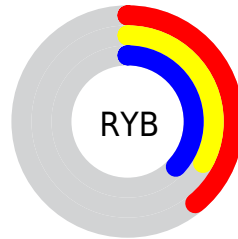
# Distribution



Red (39%)

Green (33%)

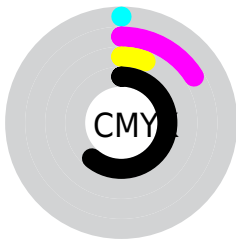
Blue (37%)



Red (39%)

Yellow (33%)

Blue (37%)

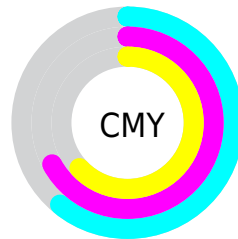


Cyan (0%)

Magenta (16%)

Yellow (6%)

Black (61%)



Cyan (61%)

Magenta (67%)

Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 64545E 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 64545E by changing the saturation by 10% instead.





64545E



64545E

FFFFFF



4C3D46



978690



352730



B2A0AB



20131B



CDBBC6



000000



E9D6E2



FFF3FF



64545E



64545E



644A5A



645E62



644057



646866

■ 643653

■ 647269

■ 642C4F

■ 647C6D

■ 64224B

■ 648671

■ 641848

■ 649075

■ 640E44

■ 649A78

■ 640440

■ 64A47C

■ 64003F

■ 64AE80

# Harmonies

## Analogous

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



5D5664



64545E



685357

# Triad

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



64545E



5C594A



465C61

# Complementary

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



64545E



54645A

# 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.



465D5A



64545E



545B4D

# Square

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



64545E



63564B



4C5C53



4A5B66

# Rectangle

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



64545E



685452



4C5C53



455D5F



# Sweetspot

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



64545E



827C80



5A5464



423E41



C2C2C2



424242



# Same Dimension

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



64545E



826979



645456



332E31



730048



F20097



# Inverse Universe

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



64545E



826979



546462



332E31



730048



F20097



# Previews

## White Background



This preview shows how the Hex color 64545E looks on a white background.

## Color Contrast Check

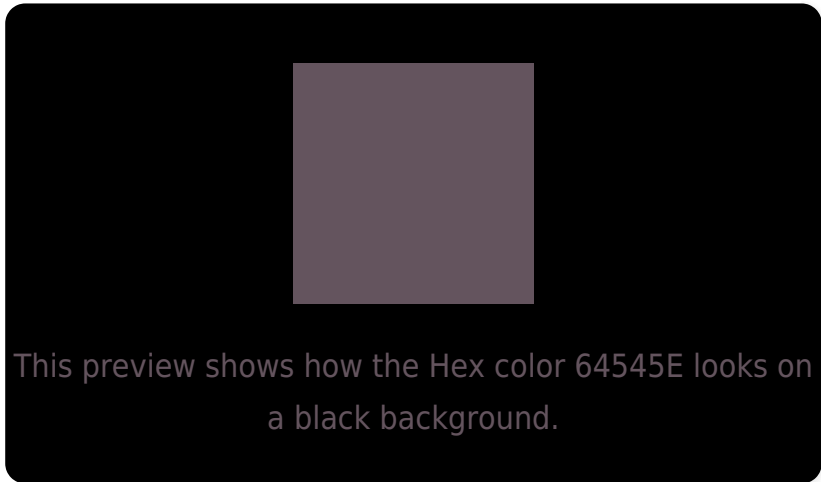
Large Text (above 18pt) WCAG AA ✓ Pass

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

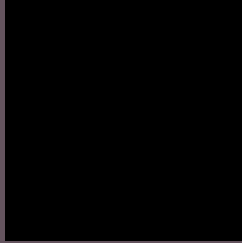
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 64545E Background



This preview shows how black text looks on a background with the Hex color 64545E.



This preview shows how white text looks on a background with the Hex color 64545E.

# 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**  
64545E

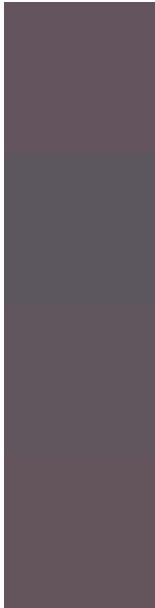
**Protanopia**  
585860

**Deuteranopia**  
5F565E



**Tritanopia**  
64545B

# Trichromacy



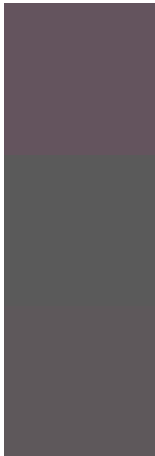
**Original Color**  
64545E

**Protanomaly**  
5C575F

**Deuteranomaly**  
61555E

**Tritanomaly**  
64545C

# Monochromacy



**Original Color**  
64545E

**Achromatopsia**  
5A5A5A

**Achromatomaly**  
5E585B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 64545E 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 #64545E looks like.

```
.text, #text, p{  
    color:#64545E  
}
```

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 #64545E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64545E
}
```

## Border

The CSS property to change the border of an element to Hex 64545E is called "border". The border property can be set on classes, ids or directly on the HTML element.

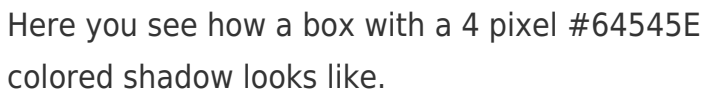
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#64545E }
```

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

```
.border{ border-color:#64545E }
```

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



Here you see how a box with a 4 pixel #64545E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64545E; -webkit-box-shadow:4px 4px  
4px 4px #64545E; box-shadow:4px 4px 4px  
4px #64545E }
```

# Background

The CSS property to change the background color of an element to Hex 64545E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64545E }
```

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

```
.background{ background-color:#64545E }
```

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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