

# Converting Colors

Hex(64555D)

Have a look what the booklet for  
Hex(64555D) contains.

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# Color

**Hex(64555D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	64555D
RGB	100, 85, 93
RGB Percent	39%, 33%, 36%
CMY	0.6078, 0.6667, 0.6353
CMYK	0.00, 0.15, 0.07, 0.61
HSL	328°, 8%, 36%
HSV	328°, 15%, 39%
XYZ	10.4798, 9.9966, 11.7331
YIQ	90.3970, 6.3720, 5.6680

# Conversions

## Conversions Part 2

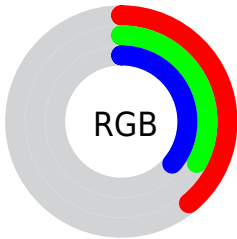
<b>Format</b>	<b>Color</b>
<b>RYB</b>	100, 85, 93
Decimal	6575453
CIELab	37.84, 7.71, -2.35
CIELCh	38, 8.057, 343.028
Yxy	9.9966, 0.3254, 0.3104
Android (android.graphics.Color)	4284765533 (0xFF64555D)
YUV	90.3970, 1.2833, 8.4218
Hunter-Lab	31.6175, 3.8344, 0.1299

# Details

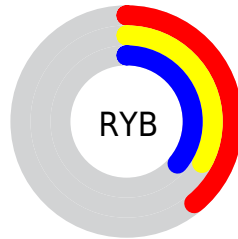
The Hex color **64555D** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **55645C**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **97878F**, and **35282F** is the 20% darker color. If you saturate the color by 10%, you get **644B58**, and if you desaturate by 10%, it is **645F62**.

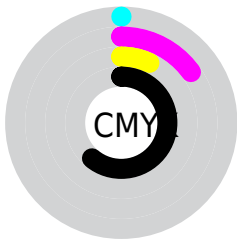
# Distribution



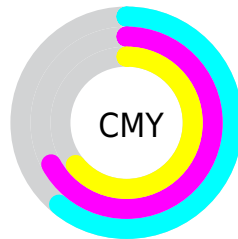
- Red (39%)
- Green (33%)
- Blue (36%)



- Red (39%)
- Yellow (33%)
- Blue (36%)



- Cyan (0%)
- Magenta (15%)
- Yellow (7%)
- Black (61%)



- Cyan (61%)
- Magenta (67%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 64555D 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 64555D by changing the saturation by 10% instead.





64555D



64555D

FFFFFF



4C3E45



97878F



35282F



B2A1AA



20141A



CDBCC5



000000



E9D8E1



FFF4FE



64555D



64555D



644B58



645F62



644154



646966

64374F

64736B

642D4A

647D70

642346

648774

641941

649179

640F3C

649B7E

640538

64A582

640035

64AF87

# Harmonies

## Analogous

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



5E5763



64555D



675556

# Triad

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



64555D



5B5A4C



495C62

# Complementary

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



64555D



55645C

# 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.



495D5C



64555D



545B4F

# Square

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



64555D



62574D



4D5D55



4E5B65

# Rectangle

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



64555D



675552



4D5D55



495D60



# Sweetspot

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



64555D



827C7F



5C5564



423E40



C2C2C2



424242



# Same Dimension

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



64555D



826B77



645556



332E31



73003D



F20081



# Inverse Universe

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



64555D



826B77



556464



332E31



73003D



F20081



# Previews

## White Background



This preview shows how the Hex color 64555D looks on a white background.

## Color Contrast Check

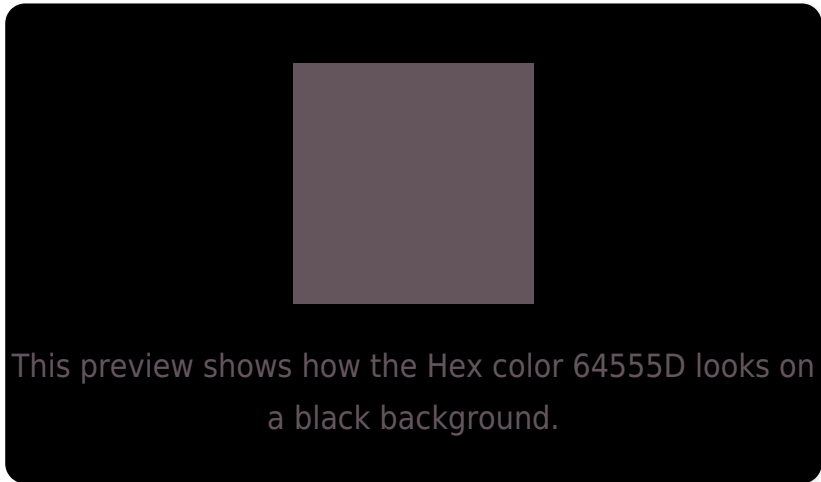
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

Any Text WCAG AA × Fail

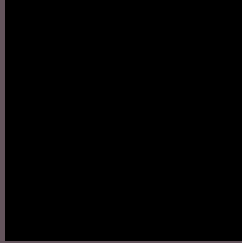
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 64555D Background



This preview shows how black text looks on a background with the Hex color 64555D.



This preview shows how white text looks on a background with the Hex color 64555D.

# 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**  
64555D

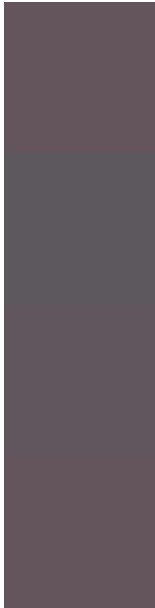
**Protanopia**  
59595F

**Deuteranopia**  
60565D



**Tritanopia**  
64555C

# Trichromacy



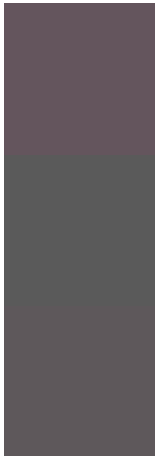
**Original Color**  
64555D

**Protanomaly**  
5D585E

**Deuteranomaly**  
61565D

**Tritanomaly**  
64555C

# Monochromacy



**Original Color**  
64555D

**Achromatopsia**  
5A5A5A

**Achromatomaly**  
5E585B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 64555D 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 #64555D looks like.

```
.text, #text, p{  
    color:#64555D  
}
```

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 #64555D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64555D
}
```

## Border

The CSS property to change the border of an element to Hex 64555D is called "border". The border property can be set on classes, ids or directly on the HTML element.

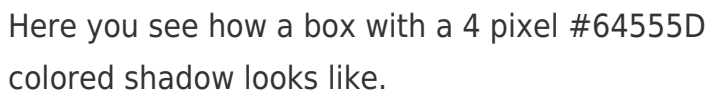
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#64555D }
```

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

```
.border{ border-color:#64555D }
```

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



Here you see how a box with a 4 pixel #64555D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64555D; -webkit-box-shadow:4px 4px  
4px 4px #64555D; box-shadow:4px 4px 4px  
4px #64555D }
```

# Background

The CSS property to change the background color of an element to Hex 64555D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64555D }
```

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

```
.background{ background-color:#64555D }
```

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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