

Converting Colors

Hex(64555A)

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

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Color

Hex(64555A)

Conversions

Conversions Part 1

Format	Color
Hex	64555A
RGB	100, 85, 90
RGB Percent	39%, 33%, 35%
CMY	0.6078, 0.6667, 0.6471
CMYK	0.00, 0.15, 0.10, 0.61
HSL	340°, 8%, 36%
HSV	340°, 15%, 39%
XYZ	10.3495, 9.9445, 11.0469
YIQ	90.0550, 7.3350, 4.7350

Conversions

Conversions Part 2

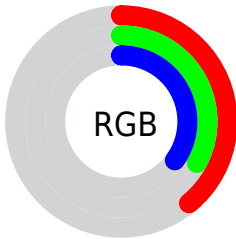
Format	Color
R_{YB}	100, 85, 90
Decimal	6575450
CIE Lab	37.74, 7.11, -0.62
CIE LCh	38, 7.139, 355.014
Yxy	9.9445, 0.3302, 0.3173
Android (android.graphics.Color)	4284765530 (0xFF64555A)
YUV	90.0550, -0.0271, 8.7218
Hunter-Lab	31.5349, 3.3961, 1.3048

Details

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

A 20% lighter version of the original color is **97878C**, and **35282D** is the 20% darker color. If you saturate the color by 10%, you get **644B53**, and if you desaturate by 10%, it is **645F61**.

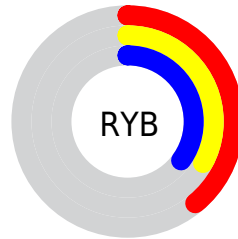
Distribution



Red (39%)

Green (33%)

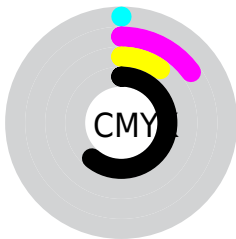
Blue (35%)



Red (39%)

Yellow (33%)

Blue (35%)

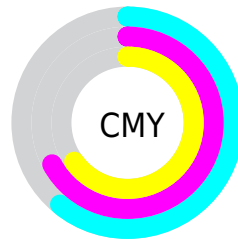


Cyan (0%)

Magenta (15%)

Yellow (10%)

Black (61%)



Cyan (61%)

Magenta (67%)

Yellow (65%)

Brightness & Saturation Gradients

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

■ 64555A

■ 64555A

FFFFFF

■ 4C3E43

■ 97878C

■ 35282D

■ B2A1A6

■ 201418

■ CDBCC1

■ 000000

■ E9D8DD

■ FFF4FA

■ 64555A

■ 64555A

■ 644B53

■ 645F61

■ 64414D

■ 646967

■ 643746

■ 64736E

■ 642D3F

■ 647D75

■ 642339

■ 64877B

■ 641932

■ 649182

■ 640F2B

■ 649B89

■ 640525

■ 64A58F

■ 640021

■ 64AF96

Harmonies

Analogous

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



60565F



64555A



655554

Triad

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



64555A



585A4E



4C5B62

Complementary

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



64555A



55645F

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.



4A5C5D



64555A



525B52

Square

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



64555A



5F584D



4C5C58



525A64

Rectangle

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



64555A



645651



4C5C58



4B5C61

Sweetspot

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



64555A



827C7E



5F5564



423E40



C2C2C2



424242

Same Dimension

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



64555A



826B72



645755



332E30



730026



F20051

Inverse Universe

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



64555A



826B72



556264



332E30



730026



F20051

Previews

White Background



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

Color Contrast Check

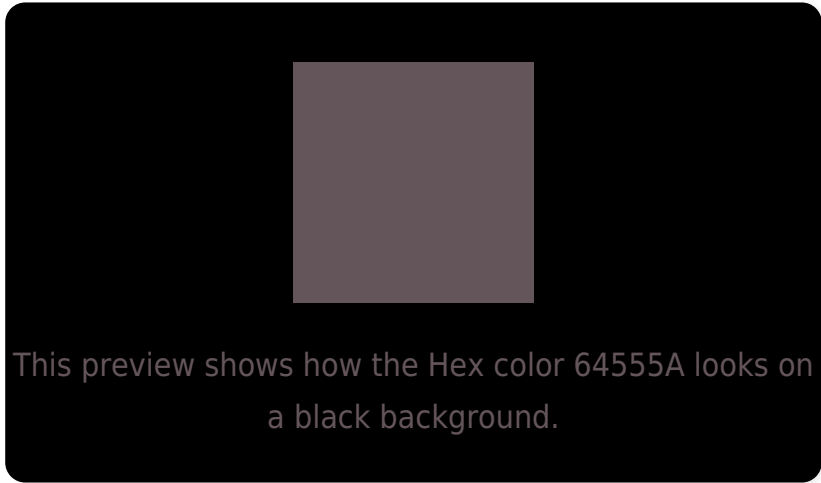
Large Text (above 18pt) WCAG AA ✓ Pass

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

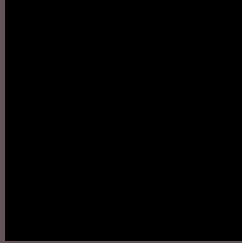
Any Text WCAG AA × Fail

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 64555A Background



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



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

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
64555A

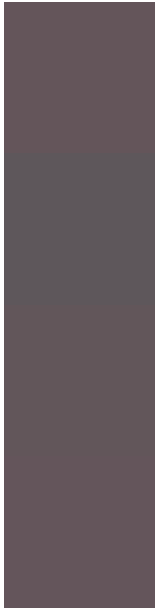
Protanopia
5A585C

Deuteranopia
61565A



Tritanopia
64555B

Trichromacy



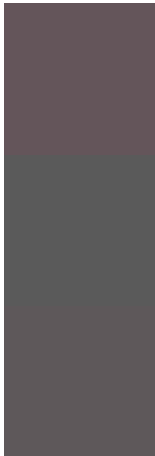
Original Color
64555A

Protanomaly
5E575B

Deuteranomaly
62565A

Tritanomaly
64555B

Monochromacy



Original Color
64555A

Achromatopsia
5A5A5A

Achromatomaly
5E585A

CSS Examples

Text

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

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

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 #64555A colored shadow looks like.

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

Border

The CSS property to change the border of an element to Hex 64555A 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".

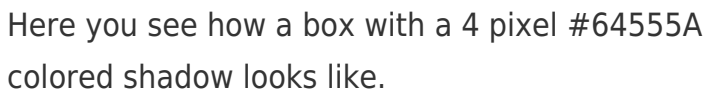
```
.border, #border, table{ border:4px solid
#64555A }
```

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

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

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

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



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

Background

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

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

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

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

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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