

Converting Colors

Hex(64505D)

Have a look what the booklet for
Hex(64505D) contains.

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Color

Hex(64505D)

Conversions

Conversions Part 1

Format	Color
Hex	64505D
RGB	100, 80, 93
RGB Percent	39%, 31%, 36%
CMY	0.6078, 0.6863, 0.6353
CMYK	0.00, 0.20, 0.07, 0.61
HSL	321°, 11%, 35%
HSV	321°, 20%, 39%
XYZ	10.1000, 9.2370, 11.6065
YIQ	87.4620, 7.7470, 8.2830

Conversions

Conversions Part 2

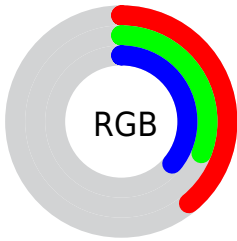
Format	Color
R_{YB}	100, 80, 93
Decimal	6574173
CIE Lab	36.44, 10.81, -4.42
CIE LCh	36, 11.677, 337.748
Yxy	9.2370, 0.3264, 0.2985
Android (android.graphics.Color)	4284764253 (0xFF64505D)
YUV	87.4620, 2.7302, 10.9958
Hunter-Lab	30.3924, 6.1324, -1.3675

Details

The Hex color **64505D** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **506457**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **97818F**, and **35232F** is the 20% darker color. If you saturate the color by 10%, you get **64465A**, and if you desaturate by 10%, it is **645A61**.

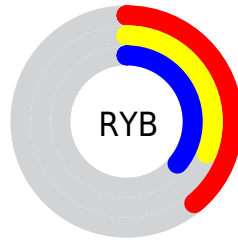
Distribution



 Red (39%)

 Green (31%)

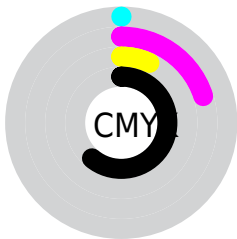
 Blue (36%)



 Red (39%)

 Yellow (31%)

 Blue (36%)

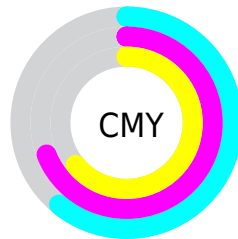


 Cyan (0%)

 Magenta (20%)

 Yellow (7%)

 Black (61%)



 Cyan (61%)

 Magenta (69%)

 Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 64505D 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 64505D by changing the saturation by 10% instead.

64505D

64505D

FFFFFF

4C3945

97818F

35232F

B29BAA

200F1A

CDB6C5

000000

EAD2E1

FFEEFE

64505D

64505D

64465A

645A61

643C56

646464

643252

646E68

64284F

64786B

641E4B

64826F

641448

648C72

640A44

649676

640041

64A079

64AA7D

Harmonies

Analogous

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



5A5365



64505D



694F54

Triad

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



64505D



5A5643



3D5B61

Complementary

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



64505D



506457

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.



3E5B58



64505D



505947

Square

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



64505D



635345



465A4E



435967

Rectangle

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



64505D



69504D



465A4E



3C5B5E

Sweetspot

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



64505D



827A7F



575064



423E41



C2C2C2



424242

Same Dimension

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



64505D



826377



645053



332E31



73004B



F2009D

Inverse Universe

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



64505D



826377



506461



332E31



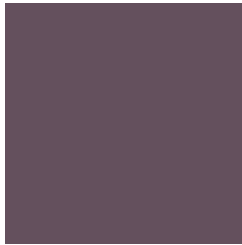
73004B



F2009D

Previews

White Background



This preview shows how the Hex color 64505D looks on a white background.

Color Contrast Check

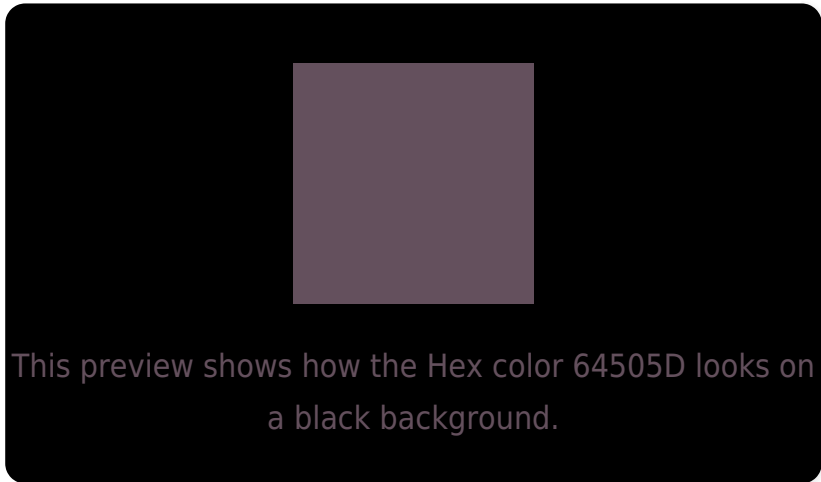
Large Text (above 18pt) WCAG AA ✓ Pass

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

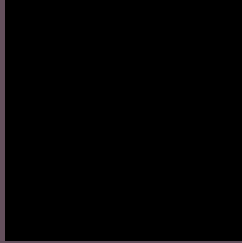
Any Text WCAG AA × Fail

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 64505D Background



This preview shows how black text looks on a background with the Hex color 64505D.



This preview shows how white text looks on a background with the Hex color 64505D.

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
64505D

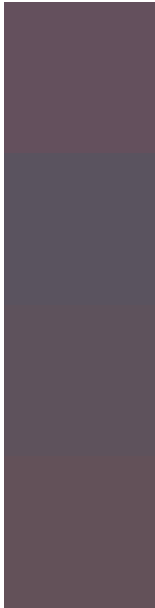
Protanopia
545560

Deuteranopia
5B535C



Tritanopia
635157

Trichromacy



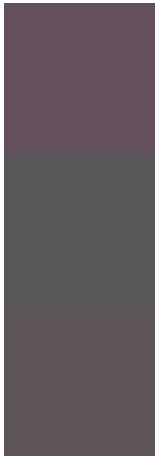
Original Color
64505D

Protanomaly
5A535F

Deuteranomaly
5E525C

Tritanomaly
635159

Monochromacy



Original Color
64505D

Achromatopsia
575757

Achromatomaly
5C5459

CSS Examples

Text

The CSS property to change the color of the text to Hex 64505D 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 #64505D looks like.

```
.text, #text, p{  
    color:#64505D  
}
```

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 #64505D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64505D
}
```

Border

The CSS property to change the border of an element to Hex 64505D is called "border". The border property can be set on classes, ids or directly on the HTML element.

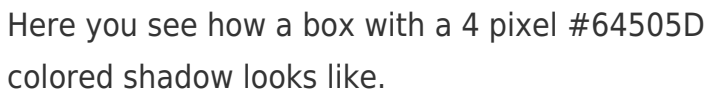
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#64505D }
```

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

```
.border{ border-color:#64505D }
```

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



Here you see how a box with a 4 pixel #64505D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64505D; -webkit-box-shadow:4px 4px  
4px 4px #64505D; box-shadow:4px 4px 4px  
4px #64505D }
```

Background

The CSS property to change the background color of an element to Hex 64505D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64505D }
```

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

```
.background{ background-color:#64505D }
```

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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