

Converting Colors

Hex(64465F)

Have a look what the booklet for
Hex(64465F) contains.

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Color

Hex(64465F)

Conversions

Conversions Part 1

Format	Color
Hex	64465F
RGB	100, 70, 95
RGB Percent	39%, 27%, 37%
CMY	0.6078, 0.7255, 0.6275
CMYK	0.00, 0.30, 0.05, 0.61
HSL	310°, 18%, 33%
HSV	310°, 30%, 39%
XYZ	9.5112, 7.9159, 11.8531
YIQ	81.8200, 9.8550, 14.1350

Conversions

Conversions Part 2

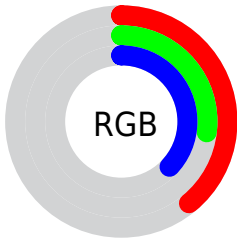
Format	Color
R_{YB}	100, 70, 95
Decimal	6571615
CIE _{Lab}	33.81, 17.45, -9.62
CIE _{LCh}	34, 19.925, 331.123
Yxy	7.9159, 0.3248, 0.2703
Android (android.graphics.Color)	4284761695 (0xFF64465F)
YUV	81.8200, 6.4977, 15.9439
Hunter-Lab	28.1351, 11.1064, -5.2837




Details

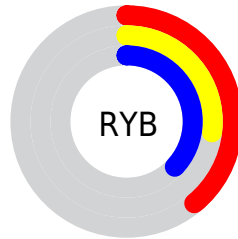
The Hex color **64465F** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **46644B**, and the grayscale version is **525252**.




A 20% lighter version of the original color is **977791**, and **351A31** is the 20% darker color. If you saturate the color by 10%, you get **643C5D**, and if you desaturate by 10%, it is **645061**.

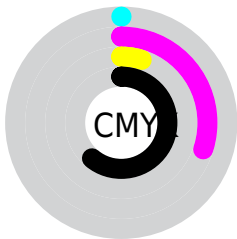
Distribution







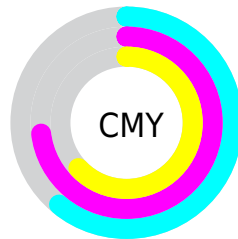
-  Red (39%)
-  Green (27%)
-  Blue (37%)






-  Red (39%)
-  Yellow (27%)
-  Blue (37%)



-  Cyan (0%)
-  Magenta (30%)
-  Yellow (5%)
-  Black (61%)



-  Cyan (61%)
-  Magenta (73%)
-  Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 64465F 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 64465F by changing the saturation by 10% instead.

64465F

64465F

FFFFFF

4C2F47

977791

351A31

B290AC

20011C

CEABC7

000000

EAC6E3

FFE3FF

64465F

64465F

643C5D

645061

64325C

645A62

64285A

646464

641E58

646E66

641457

647867

640A55

648269

640053

648C6B

64966C

64A06E

Harmonies

Analogous

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



524B6A



64465F



6D434F

Triad

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



64465F



5A4F30



16585F

Complementary

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



64465F



46644B

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.



235850



64465F



495334

Square

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



64465F



674934



365740



22556B

Rectangle

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



64465F



6F4445



365740



19585A

Sweetspot

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



64465F



827680



4B4664



423B41



C2C2C2



424242

Same Dimension

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



64465F



82537A



644650



332E32



730060



F200CA

Inverse Universe

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



64465F



82537A



46645A



332E32



730060



F200CA

Previews

White Background



This preview shows how the Hex color 64465F looks on a white background.

Color Contrast Check

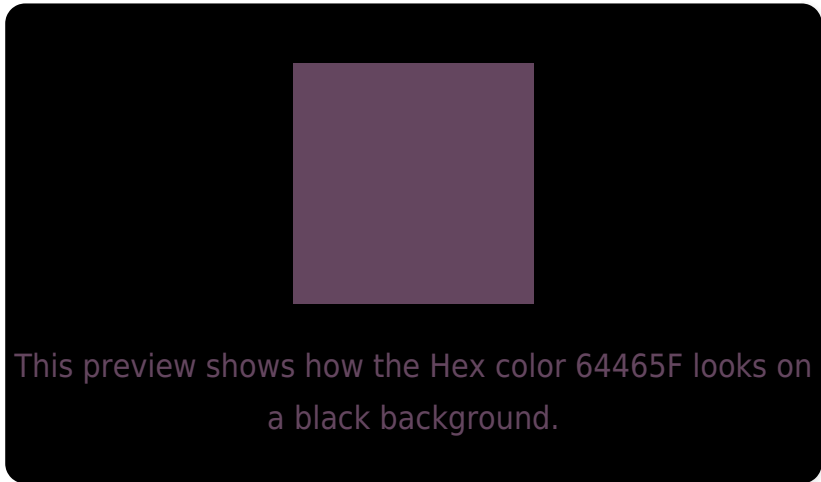
Large Text (above 18pt) WCAG AA ✓ Pass

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

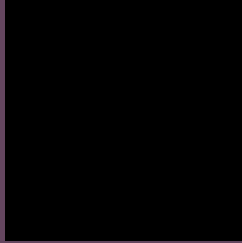
Any Text WCAG AA × Fail

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 64465F Background



This preview shows how black text looks on a background with the Hex color 64465F.

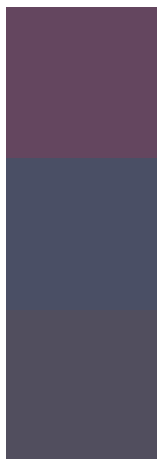


This preview shows how white text looks on a background with the Hex color 64465F.

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
64465F

Protanopia
4A4F65

Deuteranopia
514E5E



Tritanopia
62494F

Trichromacy



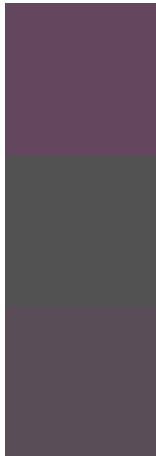
Original Color
64465F

Protanomaly
534C63

Deuteranomaly
584B5E

Tritanomaly
634855

Monochromacy



Original Color
64465F

Achromatopsia
525252

Achromatomaly
594E57

CSS Examples

Text

The CSS property to change the color of the text to Hex 64465F 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 #64465F looks like.

```
.text, #text, p{  
    color:#64465F  
}
```

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 #64465F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64465F
}
```

Border

The CSS property to change the border of an element to Hex 64465F is called "border". The border property can be set on classes, ids or directly on the HTML element.

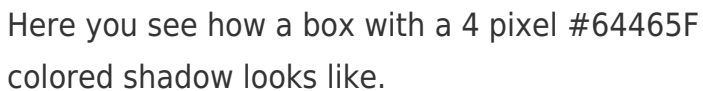
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#64465F }
```

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

```
.border{ border-color:#64465F }
```

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



Here you see how a box with a 4 pixel #64465F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64465F; -webkit-box-shadow:4px 4px  
4px 4px #64465F; box-shadow:4px 4px 4px  
4px #64465F }
```

Background

The CSS property to change the background color of an element to Hex 64465F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64465F }
```

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

```
.background{ background-color:#64465F }
```

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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