

Converting Colors

Hex(645F70)

Have a look what the booklet for
Hex(645F70) contains.

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Color

Hex(645F70)

Conversions

Conversions Part 1

Format	Color
Hex	645F70
RGB	100, 95, 112
RGB Percent	39%, 37%, 44%
CMY	0.6078, 0.6275, 0.5608
CMYK	0.11, 0.15, 0.00, 0.56
HSL	258°, 8%, 41%
HSV	258°, 15%, 44%
XYZ	12.2724, 12.0636, 17.0109
YIQ	98.4330, -2.4770, 6.3470

Conversions

Conversions Part 2

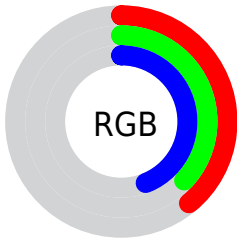
Format	Color
R_{YB}	100, 95, 112
Decimal	6578032
CIE Lab	41.32, 5.66, -8.89
CIE LCh	41, 10.543, 302.470
Yxy	12.0636, 0.2968, 0.2918
Android (android.graphics.Color)	4284768112 (0xFF645F70)
YUV	98.4330, 6.6885, 1.3743
Hunter-Lab	34.7327, 2.2886, -4.7254

Details

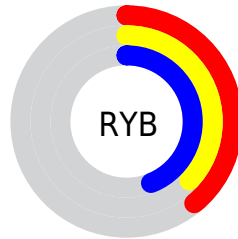
The Hex color **645F70** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6B705F**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **9791A4**, and **353140** is the 20% darker color. If you saturate the color by 10%, you get **5C5470**, and if you desaturate by 10%, it is **6C6A70**.

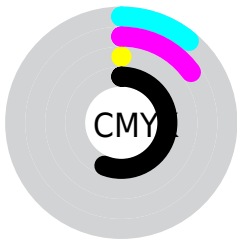
Distribution



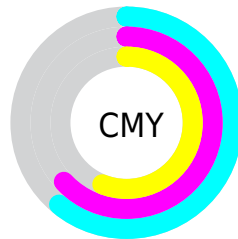
- Red (39%)
- Green (37%)
- Blue (44%)



- Red (39%)
- Yellow (37%)
- Blue (44%)



- Cyan (11%)
- Magenta (15%)
- Yellow (0%)
- Black (56%)



- Cyan (61%)
- Magenta (63%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 645F70 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 645F70 by changing the saturation by 10% instead.

■ 645F70

■ 645F70

FFFFFF

■ 4C4758

■ 9791A4

■ 353140

■ B2ACBF

■ 201C2A

■ CDC7DB

■ 090116

■ E9E3F7

■ 000000

■ 645F70

■ 645F70

■ 5C5470

■ 6C6A70

■ 544970

■ 747570

■ 4C3D70

■ 7C8170

■ 443270

■ 848C70

■ 3C2770

■ 8C9770

■ 351C70

■ 93A270

■ 2D1170

■ 9BAD70

■ 250570

■ A3B970

■ 210070

■ ABC470

Harmonies

Analogous

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



596273



645F70



6D5D6A

Triad

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



645F70



6F5E52



4D6762

Complementary

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



645F70



6B705F

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.



546659



645F70



686150

Square

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



645F70



735C59



5E6453



4B666A

Rectangle

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



645F70



725C64



5E6453



4F665F

Sweetspot

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



645F70



8C8A91



5F6B70



47464A



C9C9C9



4A4A4A

Same Dimension

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



645F70



7F7791



6C5F70



343238



230078



4900F7

Inverse Universe

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



705F6B



91778A



63705F



383236



780055



F700AF

Previews

White Background



This preview shows how the Hex color 645F70 looks on a white background.

Color Contrast Check

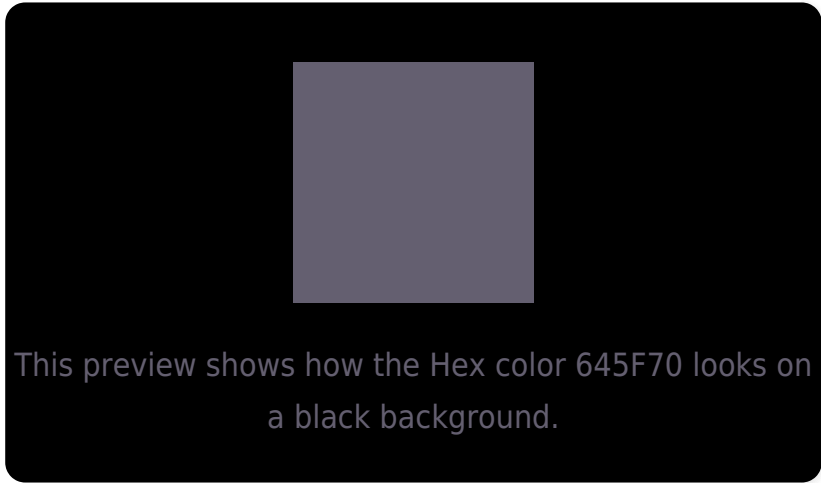
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

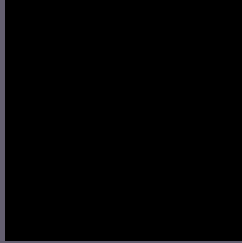
Any Text WCAG AA × Fail

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 645F70 Background



This preview shows how black text looks on a background with the Hex color 645F70.

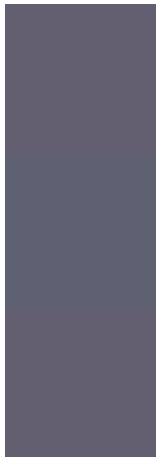


This preview shows how white text looks on a background with the Hex color 645F70.

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
645F70

Protanopia
5E6171

Deuteranopia
645F70



Tritanopia
636068

Trichromacy



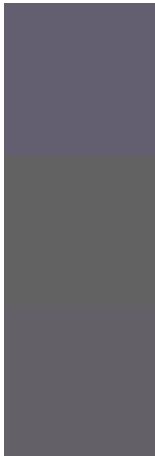
Original Color
645F70

Protanomaly
606071

Deuteranomaly
645F70

Tritanomaly
63606B

Monochromacy



Original Color
645F70

Achromatopsia
626262

Achromatomaly
636167

CSS Examples

Text

The CSS property to change the color of the text to Hex 645F70 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 #645F70 looks like.

```
.text, #text, p{  
    color:#645F70  
}
```

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 #645F70 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #645F70
}
```

Border

The CSS property to change the border of an element to Hex 645F70 is called "border". The border property can be set on classes, ids or directly on the HTML element.

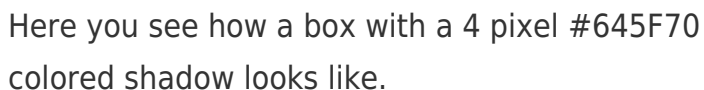
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#645F70 }
```

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

```
.border{ border-color:#645F70 }
```

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



Here you see how a box with a 4 pixel #645F70 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #645F70; -webkit-box-shadow:4px 4px  
4px 4px #645F70; box-shadow:4px 4px 4px  
4px #645F70 }
```

Background

The CSS property to change the background color of an element to Hex 645F70 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#645F70 }
```

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

```
.background{ background-color:#645F70 }
```

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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