

Converting Colors

Hex(640E66)

Have a look what the booklet for
Hex(640E66) contains.

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Color

Hex(640E66)

Conversions

Conversions Part 1

Format	Color
Hex	640E66
RGB	100, 14, 102
RGB Percent	39%, 5%, 40%
CMY	0.6078, 0.9451, 0.6000
CMYK	0.02, 0.86, 0.00, 0.60
HSL	299°, 76%, 23%
HSV	299°, 86%, 40%
XYZ	7.8108, 3.9827, 12.9274
YIQ	49.7460, 23.0080, 45.6000

Conversions

Conversions Part 2

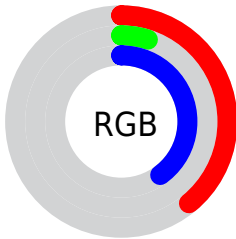
Format	Color
RYB	100, 14, 102
Decimal	6557286
CIELab	23.61, 46.63, -30.00
CIElCh	24, 55.447, 327.246
Yxy	3.9827, 0.3160, 0.1611
Android (android.graphics.Color)	4284747366 (0xFF640E66)
YUV	49.7460, 25.7612, 44.0728
Hunter-Lab	19.9567, 34.9386, -24.4368

Details

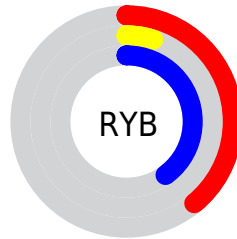
The Hex color **640E66** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **10660E**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **9A469A**, and **320036** is the 20% darker color. If you saturate the color by 10%, you get **640466**, and if you desaturate by 10%, it is **641866**.

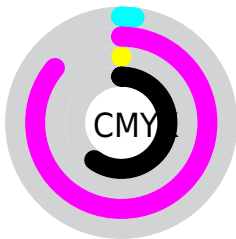
Distribution



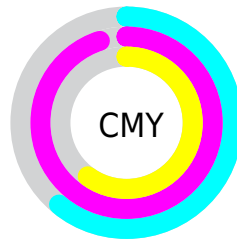
- Red (39%)
- Green (5%)
- Blue (40%)



- Red (39%)
- Yellow (5%)
- Blue (40%)



- Cyan (2%)
- Magenta (86%)
- Yellow (0%)
- Black (60%)



- Cyan (61%)
- Magenta (95%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 640E66 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 640E66 by changing the saturation by 10% instead.

640E66

640E66

FFFFFF

4A004E

9A469A

320036

B660B5

160020

D27BD0

000004

EF95ED

000000

FFB1FF

FFCDDF

FFEAFD

640E66

640E66

■ 640466

■ 641866

■ 640066

■ 642266

■ 652D66

■ 653766

■ 654166

■ 654B66

■ 665566

■ 666066

■ 666A66

Harmonies

Analogous

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



202F84



640E66



7B003E

Triad

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



640E66



493600



00495E

Complementary

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



640E66



10660E

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.



004833



640E66



204100

Square

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



640E66



682100



004602



00477F

Rectangle

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



640E66



7D0023



004602



004950

Sweetspot

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



640E66



846285



0E1166



422E42



C2C2C2



424242

Same Dimension

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



640E66



820085



660E3D



332E33



700073



ED00F2

Inverse Universe

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



660E10



850003



0E6637



332E2E



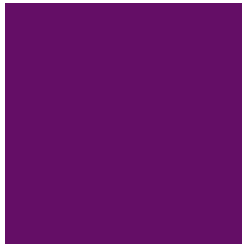
730003



F20006

Previews

White Background



This preview shows how the Hex color 640E66 looks on a white background.

Color Contrast Check

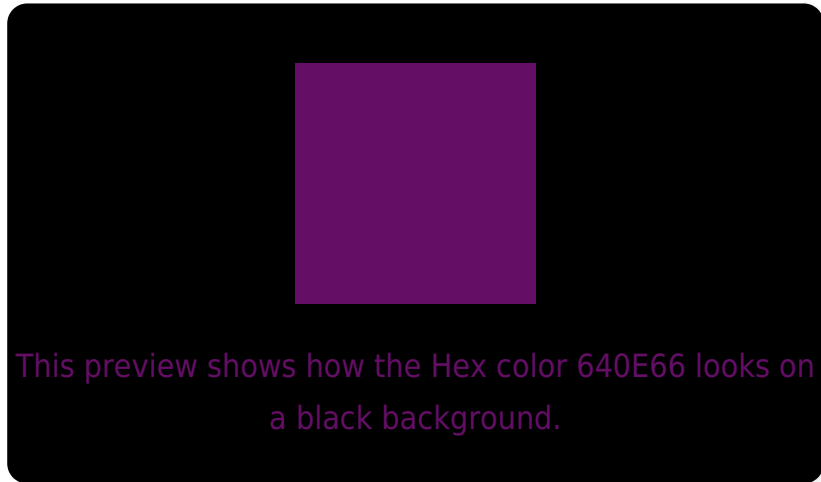
Large Text (above 18pt) WCAG AA ✓ Pass

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

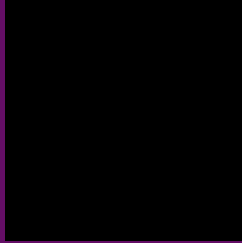
Any Text WCAG AA × Fail

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 640E66 Background



This preview shows how black text looks on a background with the Hex color 640E66.



This preview shows how white text looks on a background with the Hex color 640E66.

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



Trichromacy



Original Color
640E66



Protanomaly
242971



Deuteranomaly
3A2B62



Tritanomaly
602041

Monochromacy



Original Color
640E66



Achromatopsia
323232



Achromatomaly
442545

CSS Examples

Text

The CSS property to change the color of the text to Hex 640E66 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 #640E66 looks like.

```
.text, #text, p{  
    color:#640E66  
}
```

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 #640E66 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #640E66
}
```

Border

The CSS property to change the border of an element to Hex 640E66 is called "border". The border property can be set on classes, ids or directly on the HTML element.

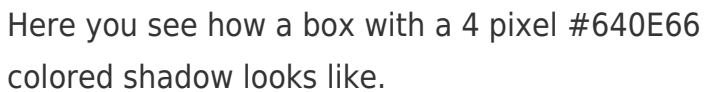
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#640E66 }
```

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

```
.border{ border-color:#640E66 }
```

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



Here you see how a box with a 4 pixel #640E66 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #640E66; -webkit-box-shadow:4px 4px  
4px 4px #640E66; box-shadow:4px 4px 4px  
4px #640E66 }
```

Background

The CSS property to change the background color of an element to Hex 640E66 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#640E66 }
```

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

```
.background{ background-color:#640E66 }
```

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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