

Converting Colors

Hex(640E46)

Have a look what the booklet for
Hex(640E46) contains.

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Color

Hex(640E46)

Conversions

Conversions Part 1

Format	Color
Hex	640E46
RGB	100, 14, 70
RGB Percent	39%, 5%, 27%
CMY	0.6078, 0.9451, 0.7255
CMYK	0.00, 0.86, 0.30, 0.61
HSL	321°, 75%, 22%
HSV	321°, 86%, 39%
XYZ	6.5181, 3.4656, 6.1197
YIQ	46.0980, 33.2800, 35.6480

Conversions

Conversions Part 2

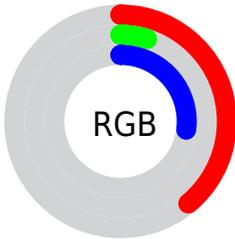
Format	Color
R_{YB}	100, 14, 70
Decimal	6557254
CIE _{Lab}	21.82, 41.64, -11.40
CIE _{LCh}	22, 43.176, 344.685
Yxy	3.4656, 0.4048, 0.2152
Android (android.graphics.Color)	4284747334 (0xFF640E46)
YUV	46.0980, 11.7837, 47.2721
Hunter-Lab	18.6161, 29.9200, -6.4593

Details

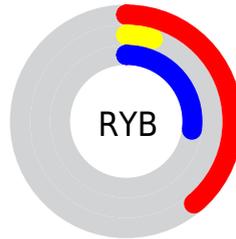
The Hex color **640E46** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **0E642C**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **9A4576**, and **33001B** is the 20% darker color. If you saturate the color by 10%, you get **640443**, and if you desaturate by 10%, it is **641849**.

Distribution



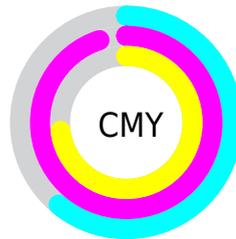
- Red (39%)
- Green (5%)
- Blue (27%)



- Red (39%)
- Yellow (5%)
- Blue (27%)



- Cyan (0%)
- Magenta (86%)
- Yellow (30%)
- Black (61%)



- Cyan (61%)
- Magenta (95%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 640E46 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 640E46 by changing the saturation by 10% instead.

640E46

640E46

FFFFFF

4A0030

9A4576

33001B

B65E90

100000

D278AB

000000

F093C6

FFAEE2

FFCAFF

FFE7FF

640E46

640E46

■ 640443

■ 641849

■ 640041

■ 64224D

■ 642C50

■ 643654

■ 644057

■ 644A5B

■ 64545E

■ 645E62

■ 646865

Harmonies

Analogous

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



482362



640E46



6B0926

Triad

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



640E46



333800



004161

Complementary

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



640E46



0E642C

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.



004244



640E46



063E00

Square

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



640E46



4F2D00



004122



003D73

Rectangle

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



640E46



671512



004122



004258

Sweetspot

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



640E46



826076



2B0E64



422E3B



C2C2C2



424242

Same Dimension

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



640E46



820055



640E1C



332E31



73004B



F2009E

Inverse Universe

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



640E46



820055



0E6456



332E31



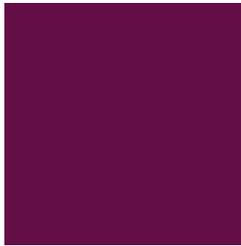
73004B



F2009E

Previews

White Background



This preview shows how the Hex color 640E46 looks on a white background.

Color Contrast Check

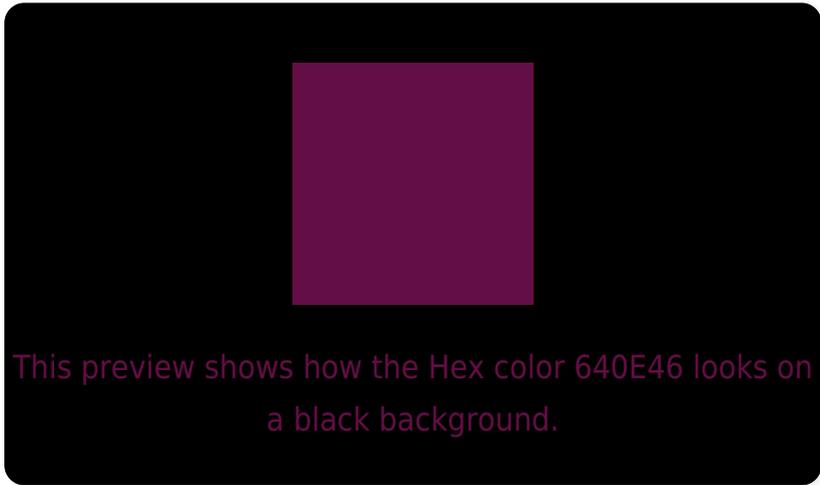
Large Text (above 18pt) WCAG AA ✓ Pass

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

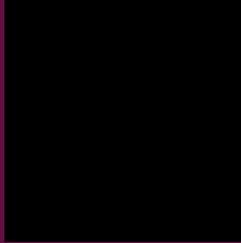
Any Text WCAG AA × Fail

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 640E46 Background



This preview shows how black text looks on a background with the Hex color 640E46.

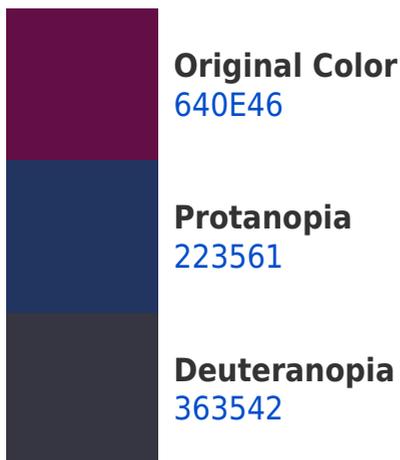


This preview shows how white text looks on a background with the Hex color 640E46.

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
640E46

Protanomaly
3A2757

Deuteranomaly
472743

Tritanomaly
62182D

Monochromacy



Original Color
640E46

Achromatopsia
2E2E2E

Achromatomaly
422237

CSS Examples

Text

The CSS property to change the color of the text to Hex 640E46 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 #640E46 looks like.

```
.text, #text, p{  
    color:#640E46  
}
```

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 #640E46 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #640E46
}
```

Border

The CSS property to change the border of an element to Hex 640E46 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".

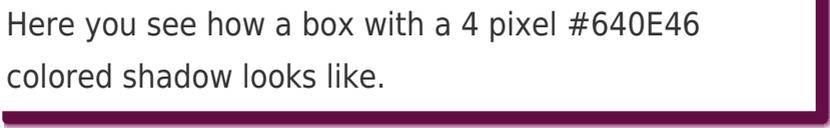
```
.border, #border, table{ border:4px solid
#640E46 }
```

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

```
.border{ border-color:#640E46 }
```

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

Here you see how a box with a 4 pixel #640E46 colored shadow looks like.

A rectangular box with a dark purple border and a dark purple shadow. The box is white with a thin dark purple border on the top and left sides, and a thicker dark purple shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #640E46; -webkit-box-shadow:4px 4px  
4px 4px #640E46; box-shadow:4px 4px 4px  
4px #640E46 }
```

Background

The CSS property to change the background color of an element to Hex 640E46 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#640E46 }
```

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

```
.background{ background-color:#640E46 }
```

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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