

# Converting Colors

Hex(642E60)

Have a look what the booklet for  
Hex(642E60) contains.

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# Color

**Hex(642E60)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	642E60
RGB	100, 46, 96
RGB Percent	39%, 18%, 38%
CMY	0.6078, 0.8196, 0.6235
CMYK	0.00, 0.54, 0.04, 0.61
HSL	304°, 37%, 29%
HSV	304°, 54%, 39%
XYZ	8.3438, 5.5078, 11.6897
YIQ	67.8460, 16.1340, 26.9980

# Conversions

## Conversions Part 2

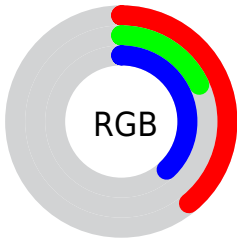
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	100, 46, 96
Decimal	6565472
CIE <sub>Lab</sub>	28.14, 31.98, -18.96
CIE <sub>LCh</sub>	28, 37.178, 329.337
Yxy	5.5078, 0.3267, 0.2156
Android (android.graphics.Color)	4284755552 (0xFF642E60)
YUV	67.8460, 13.8799, 28.1991
Hunter-Lab	23.4688, 22.3916, -13.1039

# Details

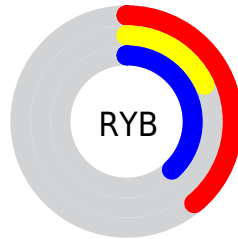
The Hex color **642E60** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **2E6432**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **985E93**, and **330031** is the 20% darker color. If you saturate the color by 10%, you get **64245F**, and if you desaturate by 10%, it is **643861**.

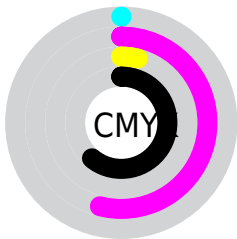
# Distribution



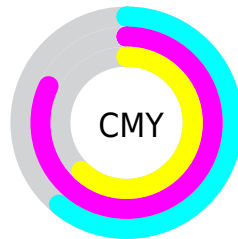
- Red (39%)
- Green (18%)
- Blue (38%)



- Red (39%)
- Yellow (18%)
- Blue (38%)



- Cyan (0%)
- Magenta (54%)
- Yellow (4%)
- Black (61%)



- Cyan (61%)
- Magenta (82%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 642E60 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 642E60 by changing the saturation by 10% instead.



642E60

642E60

FFFFFF

4B1648

985E93

330031

B478AD

1F001D

D092C9

000000

ECADE5

FFC9FF

FFE5FF

642E60

642E60

64245F

643861

641A5F

644261

64105E

644C62

64065D

645663

64005D

646064

646A64

647465

647E66

648867

# Harmonies

## Analogous

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



403B75



642E60



742644

# Triad

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



642E60



514100



004F5E

# Complementary

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



642E60



2E6432

# 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.



005041



642E60



35490A

# Square

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



642E60



673610



014D24



004D73

# Rectangle

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



642E60



762731



014D24



005055



# Sweetspot

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



642E60



826D81



322E64



423641



C2C2C2



424242



# Same Dimension

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



642E60



822E7C



642E45



332E33



73006A



F200E0



# Inverse Universe

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



642E60



822E7C



2E644D



332E33



73006A

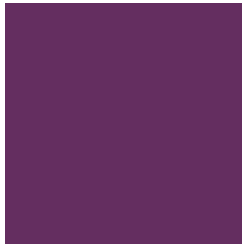


F200E0



# Previews

## White Background



This preview shows how the Hex color 642E60 looks on a white background.

## Color Contrast Check

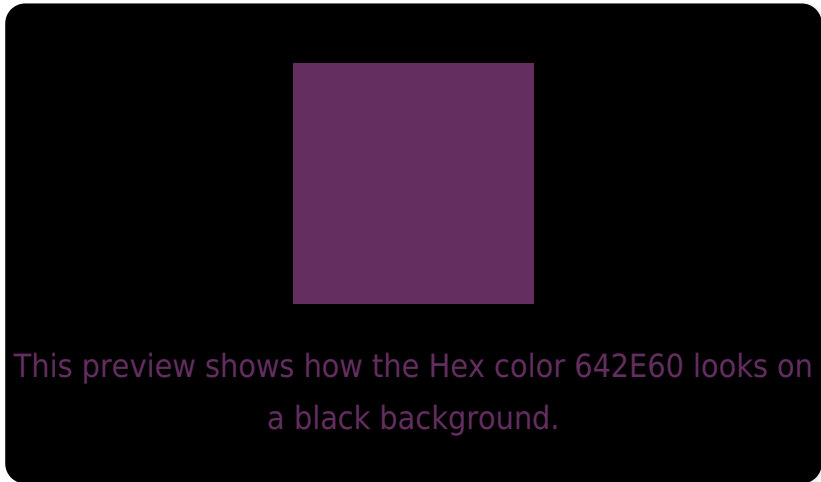
Large Text (above 18pt) WCAG AA ✓ Pass

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

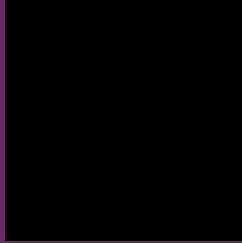
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 642E60 Background



This preview shows how black text looks on a background with the Hex color 642E60.



This preview shows how white text looks on a background with the Hex color 642E60.

# 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





**Tritanopia**  
60373B

# Trichromacy



**Original Color**  
642E60

**Protanomaly**  
423B6B

**Deuteranomaly**  
4A3B5E

**Tritanomaly**  
613448

# Monochromacy



**Original Color**  
642E60

**Achromatopsia**  
444444

**Achromatomaly**  
503C4E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 642E60 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 #642E60 looks like.

```
.text, #text, p{  
    color:#642E60  
}
```

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 #642E60 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #642E60
}
```

## Border

The CSS property to change the border of an element to Hex 642E60 is called "border". The border property can be set on classes, ids or directly on the HTML element.

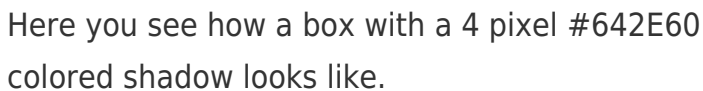
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#642E60 }
```

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

```
.border{ border-color:#642E60 }
```

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



Here you see how a box with a 4 pixel #642E60 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #642E60; -webkit-box-shadow:4px 4px  
4px 4px #642E60; box-shadow:4px 4px 4px  
4px #642E60 }
```

# Background

The CSS property to change the background color of an element to Hex 642E60 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#642E60 }
```

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

```
.background{ background-color:#642E60 }
```

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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