

Converting Colors

Hex(662E42)

Have a look what the booklet for
Hex(662E42) contains.

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Color

Hex(662E42)

Conversions

Conversions Part 1

Format	Color
Hex	662E42
RGB	102, 46, 66
RGB Percent	40%, 18%, 26%
CMY	0.6000, 0.8196, 0.7412
CMYK	0.00, 0.55, 0.35, 0.60
HSL	339°, 38%, 29%
HSV	339°, 55%, 40%
XYZ	7.4399, 5.1721, 5.7605
YIQ	65.0240, 26.9560, 18.0920

Conversions

Conversions Part 2

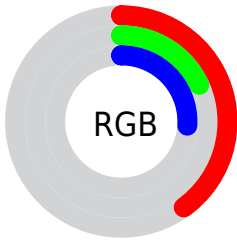
Format	Color
R_{YB}	102, 46, 66
Decimal	6696514
CIE Lab	27.22, 27.59, -0.56
CIE LCh	27, 27.599, 358.829
Yxy	5.1721, 0.4049, 0.2815
Android (android.graphics.Color)	4284886594 (0xFF662E42)
YUV	65.0240, 0.4812, 32.4280
Hunter-Lab	22.7423, 18.5950, 0.9019

Details

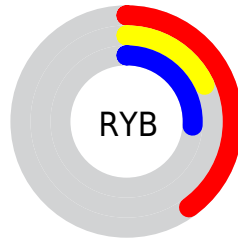
The Hex color **662E42** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **2E6652**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **9B5E72**, and **340018** is the 20% darker color. If you saturate the color by 10%, you get **66243B**, and if you desaturate by 10%, it is **663849**.

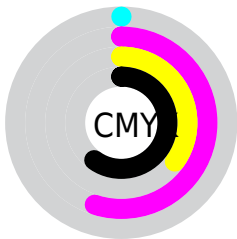
Distribution



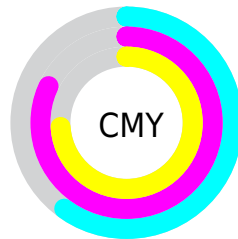
- Red (40%)
- Green (18%)
- Blue (26%)



- Red (40%)
- Yellow (18%)
- Blue (26%)



- Cyan (0%)
- Magenta (55%)
- Yellow (35%)
- Black (60%)



- Cyan (60%)
- Magenta (82%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 662E42 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 662E42 by changing the saturation by 10% instead.

662E42

662E42

FFFFFF

4D172C

9B5E72

340018

B7778B

1D0001

D391A6

000000

F0ACC1

FFC8DD

FFE4F9

662E42

662E42

66243B

663849

661A35

66424F

660F2E

664D56

660528

66575C

660024

666163

666B69

667570

668076

668A7D

Harmonies

Analogous

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



593356



662E42



67302D

Triad

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



662E42



384519



004864

Complementary

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



662E42



2E6652

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.



004B54



662E42



1C492A

Square

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



662E42



4D3F14



004B3F



12436A

Rectangle

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



662E42



613421



004B3F



004960

Sweetspot

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



662E42



856F77



512E66



42363A



C2C2C2



424242

Same Dimension

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



662E42



852D4C



66352E



332E30



730029



F20057

Inverse Universe

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



662E42



852D4C



2E5F66



332E30



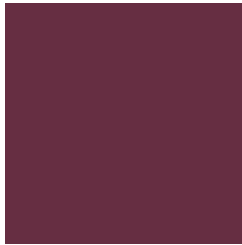
730029



F20057

Previews

White Background



This preview shows how the Hex color 662E42 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

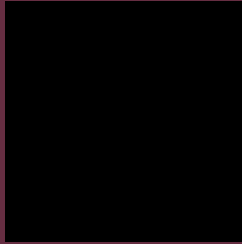
Any Text WCAG AA × Fail

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 662E42 Background



This preview shows how black text looks on a background with the Hex color 662E42.



This preview shows how white text looks on a background with the Hex color 662E42.

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
662E42

Protanopia
3E404D

Deuteranopia
483F3F



Tritanopia
653134

Trichromacy



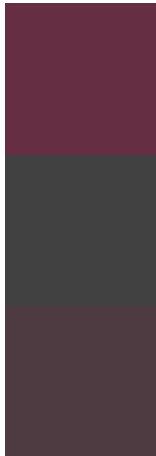
Original Color
662E42

Protanomaly
4D3949

Deuteranomaly
533940

Tritanomaly
653039

Monochromacy



Original Color
662E42

Achromatopsia
414141

Achromatomaly
4E3A41

CSS Examples

Text

The CSS property to change the color of the text to Hex 662E42 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 #662E42 looks like.

```
.text, #text, p{  
    color:#662E42  
}
```

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 #662E42 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #662E42
}
```

Border

The CSS property to change the border of an element to Hex 662E42 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".

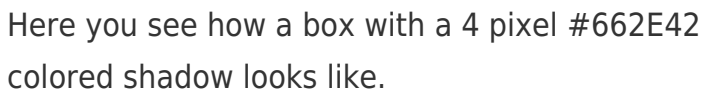
```
.border, #border, table{ border:4px solid
#662E42 }
```

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

```
.border{ border-color:#662E42 }
```

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

Here you see how a box with a 4 pixel #662E42 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a thin dark red border. Below the box, there is a thick dark red horizontal bar. The shadow is a dark red rectangular area that is slightly offset from the bottom and right edges of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #662E42; -webkit-box-shadow:4px 4px  
4px 4px #662E42; box-shadow:4px 4px 4px  
4px #662E42 }
```

Background

The CSS property to change the background color of an element to Hex 662E42 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#662E42 }
```

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

```
.background{ background-color:#662E42 }
```

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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