

Converting Colors

Hex(662B37)

Have a look what the booklet for
Hex(662B37) contains.

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Color

Hex(662B37)

Conversions

Conversions Part 1

Format	Color
Hex	662B37
RGB	102, 43, 55
RGB Percent	40%, 17%, 22%
CMY	0.6000, 0.8314, 0.7843
CMYK	0.00, 0.58, 0.46, 0.60
HSL	348°, 41%, 28%
HSV	348°, 58%, 40%
XYZ	7.0330, 4.8284, 4.1757
YIQ	62.0090, 31.3120, 16.2400

Conversions

Conversions Part 2

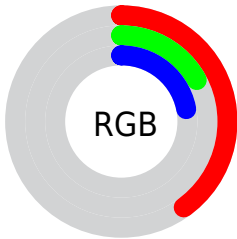
Format	Color
RYB	102, 43, 55
Decimal	6695735
CIELab	26.24, 27.84, 5.38
CIElCh	26, 28.358, 10.941
Yxy	4.8284, 0.4385, 0.3011
Android (android.graphics.Color)	4284885815 (0xFF662B37)
YUV	62.0090, -3.4554, 35.0721
Hunter-Lab	21.9736, 18.6778, 4.1144

Details

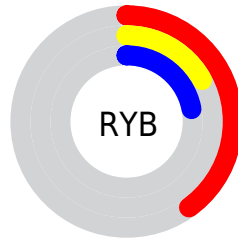
The Hex color **662B37** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **2B665A**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **9C5B66**, and **34000B** is the 20% darker color. If you saturate the color by 10%, you get **66212F**, and if you desaturate by 10%, it is **66353F**.

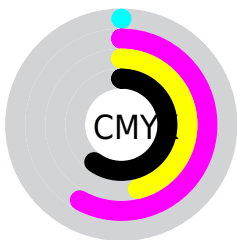
Distribution



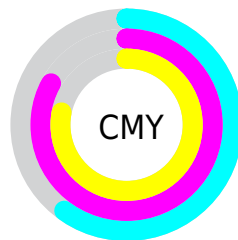
- Red (40%)
- Green (17%)
- Blue (22%)



- Red (40%)
- Yellow (17%)
- Blue (22%)



- Cyan (0%)
- Magenta (58%)
- Yellow (46%)
- Black (60%)



- Cyan (60%)
- Magenta (83%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 662B37 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 662B37 by changing the saturation by 10% instead.

 662B37

 662B37

FFFFFF

 4C1422

 9C5B66

 34000B

 B7747F

 180001

 D48E98

 000000

 F1A9B3

 FFC4CF

 FFE1EB

 FFFDFD

 662B37

 662B37

■ 66212F

■ 66353F

■ 661727

■ 663F47

■ 660C1F

■ 664A4F

■ 660216

■ 665458

■ 660015

■ 665E60

■ 666868

■ 667270

■ 667D78

■ 668780

Harmonies

Analogous

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



5E2D4D



662B37



623023

Triad

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



662B37



2B451C



004467

Complementary

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



662B37



2B665A

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.



00485A



662B37



02482F

Square

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



662B37



433F11



004946



253E68

Rectangle

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



662B37



5A3518



004946



004663

Sweetspot

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



662B37



856E73



592B66



423538



C2C2C2



424242

Same Dimension

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



662B37



85293C



663C2B



332E2F



730017



F20031

Inverse Universe

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



662B37



85293C



2B5566



332E2F



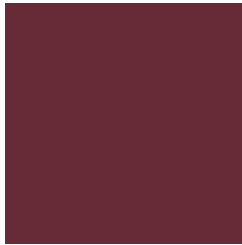
730017



F20031

Previews

White Background



This preview shows how the Hex color 662B37 looks on a white background.

Color Contrast Check

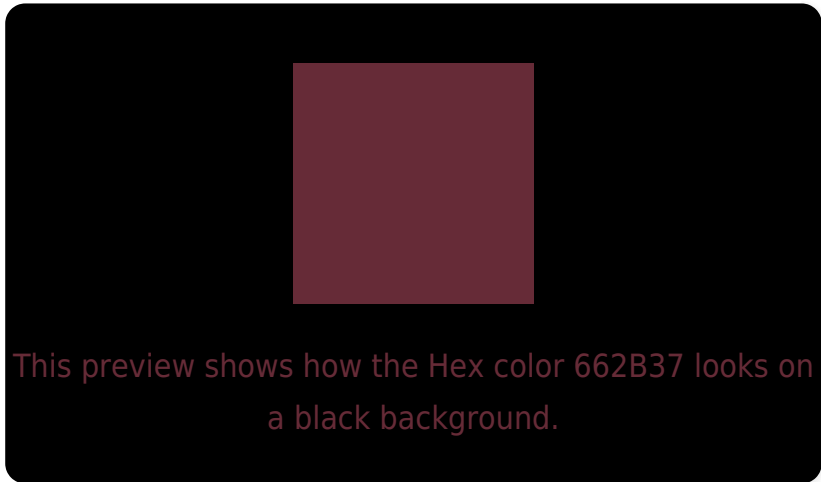
Large Text (above 18pt) WCAG AA ✓ Pass

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

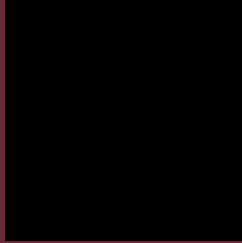
Any Text WCAG AA × Fail

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 662B37 Background



This preview shows how black text looks on a background with the Hex color 662B37.



This preview shows how white text looks on a background with the Hex color 662B37.

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
662B37

Protanopia
3F3F42

Deuteranopia
493D34



Tritanopia
652C2F

Trichromacy



Original Color
662B37

Protanomaly
4D383E

Deuteranomaly
543635

Tritanomaly
652C32

Monochromacy



Original Color
662B37

Achromatopsia
3E3E3E

Achromatomaly
4D373B

CSS Examples

Text

The CSS property to change the color of the text to Hex 662B37 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 #662B37 looks like.

```
.text, #text, p{  
    color:#662B37  
}
```

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 #662B37 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #662B37
}
```

Border

The CSS property to change the border of an element to Hex 662B37 is called "border". The border property can be set on classes, ids or directly on the HTML element.

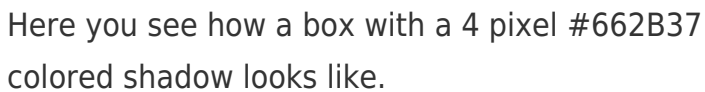
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#662B37 }
```

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

```
.border{ border-color:#662B37 }
```

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



Here you see how a box with a 4 pixel #662B37 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #662B37; -webkit-box-shadow:4px 4px  
4px 4px #662B37; box-shadow:4px 4px 4px  
4px #662B37 }
```

Background

The CSS property to change the background color of an element to Hex 662B37 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#662B37 }
```

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

```
.background{ background-color:#662B37 }
```

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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