

Converting Colors

Hex(662D16)

Have a look what the booklet for
Hex(662D16) contains.

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Color

Hex(662D16)

Conversions

Conversions Part 1

Format	Color
Hex	662D16
RGB	102, 45, 22
RGB Percent	40%, 18%, 9%
CMY	0.6000, 0.8235, 0.9137
CMYK	0.00, 0.56, 0.78, 0.60
HSL	17°, 65%, 24%
HSV	17°, 78%, 40%
XYZ	6.5627, 4.7595, 1.3318
YIQ	59.4210, 41.3550, 4.9310

Conversions

Conversions Part 2

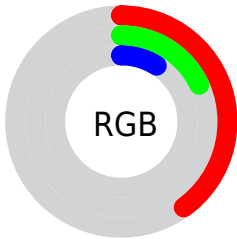
Format	Color
R_{YB}	102, 54, 22
Decimal	6696214
CIE _{Lab}	26.04, 23.93, 26.40
CIE _{LCh}	26, 35.627, 47.813
Yxy	4.7595, 0.5186, 0.3761
Android (android.graphics.Color)	4284886294 (0xFF662D16)
YUV	59.4210, -18.4486, 37.3418
Hunter-Lab	21.8162, 15.5174, 11.6518

Details

The Hex color **662D16** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **164F66**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **9D5C42**, and **310000** is the 20% darker color. If you saturate the color by 10%, you get **66260C**, and if you desaturate by 10%, it is **663420**.

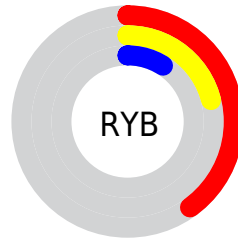
Distribution



Red (40%)

Green (18%)

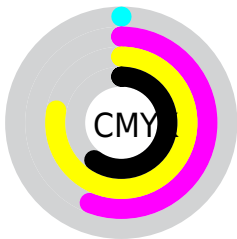
Blue (9%)



Red (40%)

Yellow (21%)

Blue (9%)

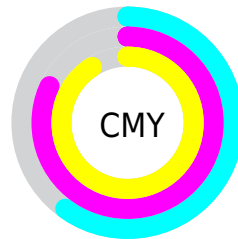


Cyan (0%)

Magenta (56%)

Yellow (78%)

Black (60%)



Cyan (60%)

Magenta (82%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 662D16 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 662D16 by changing the saturation by 10% instead.

 662D16

 662D16

 FFFFFA

 4C1600

 9D5C42

 310000

 BA755A

 110000

 D78F72

 000000

 F5AA8C

 FFC5A7

 FFE2C2

 FFFEDE

 662D16

 662D16

■ 66260C

■ 663420

■ 661E02

■ 663C2A

■ 661D00

■ 664335

■ 664A3F

■ 665149

■ 665953

■ 66605D

■ 666768

■ 666E72

Harmonies

Analogous

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



6E242F



662D16



543802

Triad

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



662D16



004A31



263B71

Complementary

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



662D16



164F66

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.



004473



662D16



004A4D

Square

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



662D16



1A4717



004965



532F62

Rectangle

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



662D16



443F00



004965



023E74

Sweetspot

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



662D16



856E65



66164F



42352F



C2C2C2



424242

Same Dimension

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



662D16



852C08



665516



332F2E



732100



F24600

Inverse Universe

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



164F66



086185



162766



2E3233



005273



00ADF2

Previews

White Background



This preview shows how the Hex color 662D16 looks on a white background.

Color Contrast Check

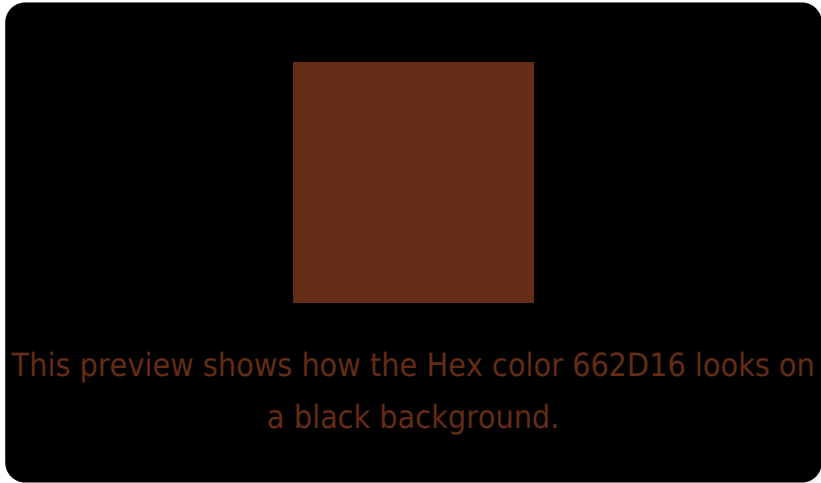
Large Text (above 18pt) WCAG AA ✓ Pass

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 662D16 Background



This preview shows how black text looks on a background with the Hex color 662D16.



This preview shows how white text looks on a background with the Hex color 662D16.

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
662D16

Protanopia
463F1B

Deuteranopia
4F3B12



Tritanopia
672A2D

Trichromacy



Original Color
662D16

Protanomaly
523819

Deuteranomaly
573613

Tritanomaly
672B25

Monochromacy



Original Color
662D16

Achromatopsia
3B3B3B

Achromatomaly
4B362E

CSS Examples

Text

The CSS property to change the color of the text to Hex 662D16 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 #662D16 looks like.

```
.text, #text, p{  
    color:#662D16  
}
```

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 #662D16 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #662D16
}
```

Border

The CSS property to change the border of an element to Hex 662D16 is called "border". The border property can be set on classes, ids or directly on the HTML element.

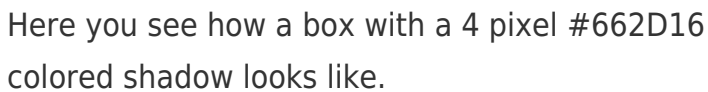
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#662D16 }
```

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

```
.border{ border-color:#662D16 }
```

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



Here you see how a box with a 4 pixel #662D16 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #662D16; -webkit-box-shadow:4px 4px  
4px 4px #662D16; box-shadow:4px 4px 4px  
4px #662D16 }
```

Background

The CSS property to change the background color of an element to Hex 662D16 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#662D16 }
```

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

```
.background{ background-color:#662D16 }
```

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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