

Converting Colors

Hex(662120)

Have a look what the booklet for
Hex(662120) contains.

Hex(662120)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(662120)

Conversions

Conversions Part 1

Format	Color
Hex	662120
RGB	102, 33, 32
RGB Percent	40%, 13%, 13%
CMY	0.6000, 0.8706, 0.8745
CMYK	0.00, 0.68, 0.69, 0.60
HSL	1°, 52%, 26%
HSV	1°, 69%, 40%
XYZ	6.2841, 4.0168, 1.8106
YIQ	53.5170, 41.4450, 14.3170

Conversions

Conversions Part 2

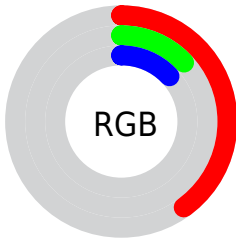
Format	Color
R_{YB}	102, 33, 32
Decimal	6693152
CIE _{Lab}	23.73, 30.94, 17.45
CIE _{LCh}	24, 35.522, 29.414
Y _{xy}	4.0168, 0.5189, 0.3317
Android (android.graphics.Color)	4284883232 (0xFF662120)
YUV	53.5170, -10.6079, 42.5196
Hunter-Lab	20.0419, 20.8946, 8.6730

Details

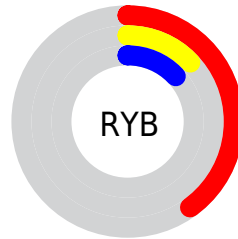
The Hex color **662120** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **206566**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **9D514C**, and **320000** is the 20% darker color. If you saturate the color by 10%, you get **661716**, and if you desaturate by 10%, it is **662B2A**.

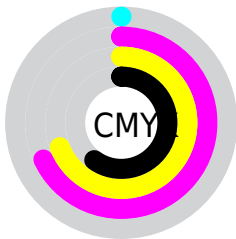
Distribution



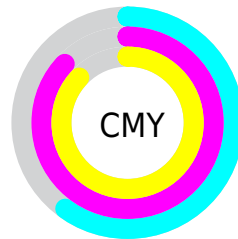
- Red (40%)
- Green (13%)
- Blue (13%)



- Red (40%)
- Yellow (13%)
- Blue (13%)



- Cyan (0%)
- Magenta (68%)
- Yellow (69%)
- Black (60%)



- Cyan (60%)
- Magenta (87%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 662120 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 662120 by changing the saturation by 10% instead.

 662120

 662120

FFFFFF

 4B0709

 9D514C

 320000

 BA6A64

 0A0000

 D7847D

 000000

 F49F97

 FFBAB1

 FFD6CD

 FFF3E9

 662120

 662120

■ 661716

■ 662B2A

■ 660D0C

■ 663534

■ 660301

■ 663F3F

■ 660100

■ 664949

■ 665353

■ 665D5D

■ 666767

■ 667172

■ 667B7C

Harmonies

Analogous

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



661D3A



662120



5A2C08

Triad

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



662120



00431C



003C6E

Complementary

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



662120



206566

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.



004266



662120



004537

Square

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



662120



2B3E02



004452



363267

Rectangle

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



662120



4D3400



004452



003E6D

Sweetspot

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



662120



856969



662066



423232



C2C2C2



424242

Same Dimension

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



662120



851918



664320



332E2E



730200



F20300

Inverse Universe

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



206566



188385



204366



2E3333



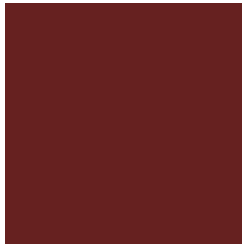
007173



00EFF2

Previews

White Background



This preview shows how the Hex color 662120 looks on a white background.

Color Contrast Check

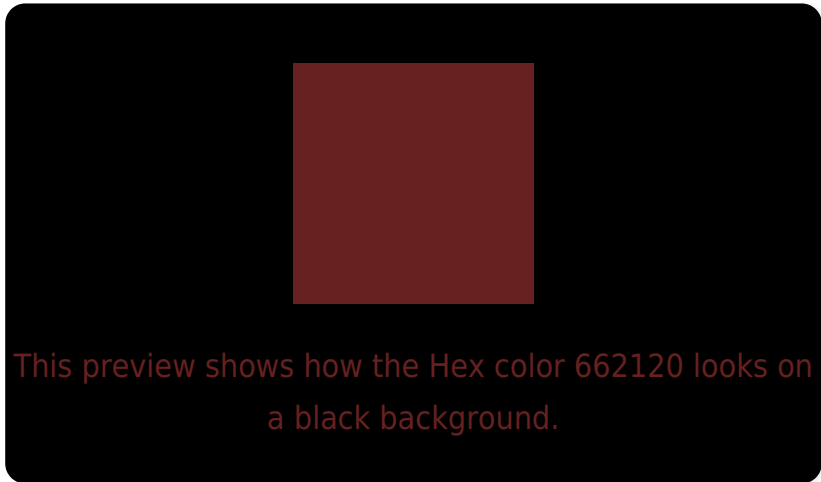
Large Text (above 18pt) WCAG AA ✓ Pass

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 662120 Background



This preview shows how black text looks on a background with the Hex color 662120.

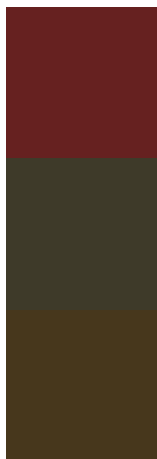


This preview shows how white text looks on a background with the Hex color 662120.

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
662120

Protanopia
3E3A29

Deuteranopia
47371C



Tritanopia
662122

Trichromacy



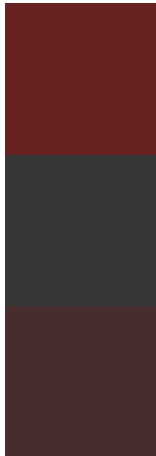
Original Color
662120

Protanomaly
4D3126

Deuteranomaly
522F1D

Tritanomaly
662121

Monochromacy



Original Color
662120

Achromatopsia
363636

Achromatomaly
472E2E

CSS Examples

Text

The CSS property to change the color of the text to Hex 662120 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 #662120 looks like.

```
.text, #text, p{  
    color:#662120  
}
```

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 #662120 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #662120
}
```

Border

The CSS property to change the border of an element to Hex 662120 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
#662120 }
```

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

```
.border{ border-color:#662120 }
```

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

Here you see how a box with a 4 pixel #662120 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #662120; -webkit-box-shadow:4px 4px  
4px 4px #662120; box-shadow:4px 4px 4px  
4px #662120 }
```

Background

The CSS property to change the background color of an element to Hex 662120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#662120 }
```

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

```
.background{ background-color:#662120 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor