

# Converting Colors

Hex(762C19)

Have a look what the booklet for  
Hex(762C19) contains.

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# Color

**Hex(762C19)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	762C19
RGB	118, 44, 25
RGB Percent	46%, 17%, 10%
CMY	0.5373, 0.8275, 0.9020
CMYK	0.00, 0.63, 0.79, 0.54
HSL	12°, 65%, 28%
HSV	12°, 79%, 46%
XYZ	8.5474, 5.7231, 1.5739
YIQ	63.9600, 50.2030, 9.7790

# Conversions

## Conversions Part 2

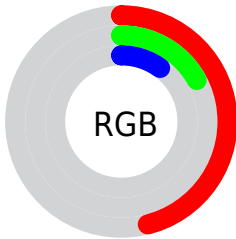
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	118, 49, 25
Decimal	7744537
CIE Lab	28.70, 31.33, 28.35
CIE LCh	29, 42.253, 42.150
Yxy	5.7231, 0.5395, 0.3612
Android (android.graphics.Color)	4285934617 (0xFF762C19)
YUV	63.9600, -19.2073, 47.3931
Hunter-Lab	23.9230, 21.9103, 12.8455

# Details

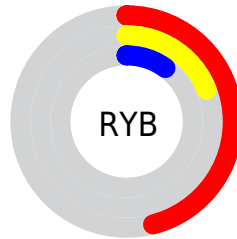
The Hex color **762C19** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **196376**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **AF5D45**, and **3F0000** is the 20% darker color. If you saturate the color by 10%, you get **76230D**, and if you desaturate by 10%, it is **763525**.

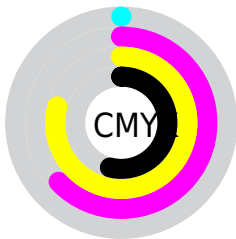
# Distribution



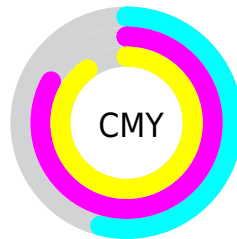
- Red (46%)
- Green (17%)
- Blue (10%)



- Red (46%)
- Yellow (19%)
- Blue (10%)



- Cyan (0%)
- Magenta (63%)
- Yellow (79%)
- Black (54%)



- Cyan (54%)
- Magenta (83%)
- Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 762C19 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 762C19 by changing the saturation by 10% instead.



 762C19

 762C19

FFFFFF

 5A1300

 AF5D45

 3F0000

 CD765D

 270001

 EA9076

 000000

 FFAB90

 FFC7AA

 FFE3C6

 FFFFE2

 762C19

 762C19

■ 76230D

■ 763525

■ 761901

■ 763F31

■ 761800

■ 76483C

■ 765248

■ 765B54

■ 766460

■ 766E6C

■ 767777

■ 768183

# Harmonies

## Analogous

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



7D2038



762C19



623B00

# Triad

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



762C19



00512E



044384

# Complementary

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



762C19



196376

# 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.



004D82



762C19



005250

# Square

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



762C19



214E0D



00516F



553574

# Rectangle

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



762C19



514300



00516F



004785



# Sweetspot

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



762C19



997C74



761963



4D3B36



CCCCCC



4D4D4D



# Same Dimension

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



762C19



992508



765A19



3B3635



7A1900



FA3300



# Inverse Universe

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



196376



087B99



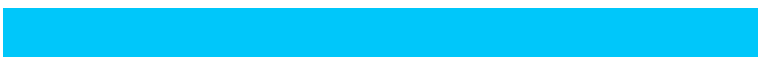
193576



35393B



00617A



00C7FA



# Previews

## White Background



This preview shows how the Hex color 762C19 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 762C19 Background



This preview shows how black text looks on a background with the Hex color 762C19.

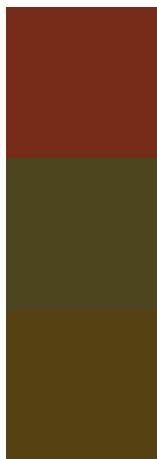


This preview shows how white text looks on a background with the Hex color 762C19.

# 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**  
762C19

**Protanopia**  
4C4520

**Deuteranopia**  
564113



# Trichromacy



**Original Color**  
762C19

**Protanomaly**  
5B3C1D

**Deuteranomaly**  
623915

**Tritanomaly**  
772B25

# Monochromacy



**Original Color**  
762C19

**Achromatopsia**  
404040

**Achromatomaly**  
543932

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 762C19 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 #762C19 looks like.

```
.text, #text, p{  
    color:#762C19  
}
```

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 #762C19 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #762C19
}
```

## Border

The CSS property to change the border of an element to Hex 762C19 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
#762C19 }
```

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

```
.border{ border-color:#762C19 }
```

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

Here you see how a box with a 4 pixel #762C19 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #762C19; -webkit-box-shadow:4px 4px  
4px 4px #762C19; box-shadow:4px 4px 4px  
4px #762C19 }
```

# Background

The CSS property to change the background color of an element to Hex 762C19 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#762C19 }
```

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

```
.background{ background-color:#762C19 }
```

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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