

# Converting Colors

Hex(762B00)

Have a look what the booklet for  
Hex(762B00) contains.

<b>Hex(762B00)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(762B00)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	762B00
RGB	118, 43, 0
RGB Percent	46%, 17%, 0%
CMY	0.5373, 0.8314, 1.0000
CMYK	0.00, 0.64, 1.00, 0.54
HSL	22°, 100%, 23%
HSV	22°, 100%, 46%
XYZ	8.3351, 5.5793, 0.6376
YIQ	60.5230, 58.5030, 2.5270

# Conversions

## Conversions Part 2

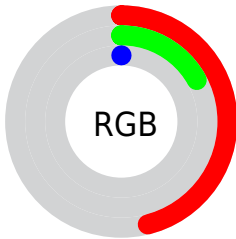
Format	Color
<a href="#">RYB</a>	118, 68, 0
Decimal	7744256
CIELab	28.33, 31.08, 39.72
CIELCh	28, 50.434, 51.953
Yxy	5.5793, 0.5728, 0.3834
Android (android.graphics.Color)	4285934336 (0xFF762B00)
YUV	60.5230, -29.8378, 50.4073
Hunter-Lab	23.6206, 21.6521, 14.9339

# Details

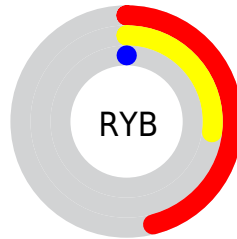
The Hex color **762B00** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **004B76**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **B05C30**, and **3E0000** is the 20% darker color. If you saturate the color by 10%, you get **762B00**, and if you desaturate by 10%, it is **76320C**.

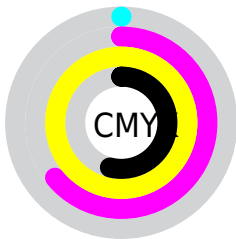
# Distribution



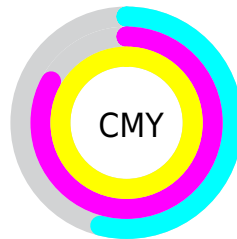
- Red (46%)
- Green (17%)
- Blue (0%)



- Red (46%)
- Yellow (27%)
- Blue (0%)



- Cyan (0%)
- Magenta (64%)
- Yellow (100%)
- Black (54%)



- Cyan (54%)
- Magenta (83%)
- Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 762B00 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 762B00 by changing the saturation by 10% instead.



 762B00

 762B00

 FFFFE7

 5A1300

 B05C30

 3E0000

 CE7548

 250001

 ED8F60

 000000

 FFAA7A

 FFC594

 FFE2AF

 FFFFCA

 762B00

 76320C

 763A18

 764223

 76492F

 76503B

 765847

 766053

 76675E

 766E6A

# Harmonies

## Analogous

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



851329



762B00



5C3D00

# Triad

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



762B00



005337



213D8C

# Complementary

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



762B00



004B76

# 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.



004B91



762B00



00535F

# Square

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



762B00



00500B



005280



662873

# Rectangle

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



762B00



454600



005280



004390



# Sweetspot

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



762B00



997C6B



76004D



4D3B31



CCCCCC



4D4D4D



# Same Dimension

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



762B00



993800



766400



3B3735



7A2D00



FA5B00



# Inverse Universe

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



004B76



006199



001276



35393B



004E7A

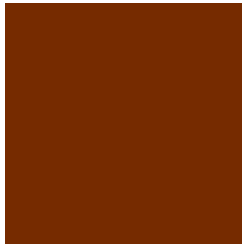


009FFA



# Previews

## White Background



This preview shows how the Hex color 762B00 looks on a white background.

## Color Contrast Check

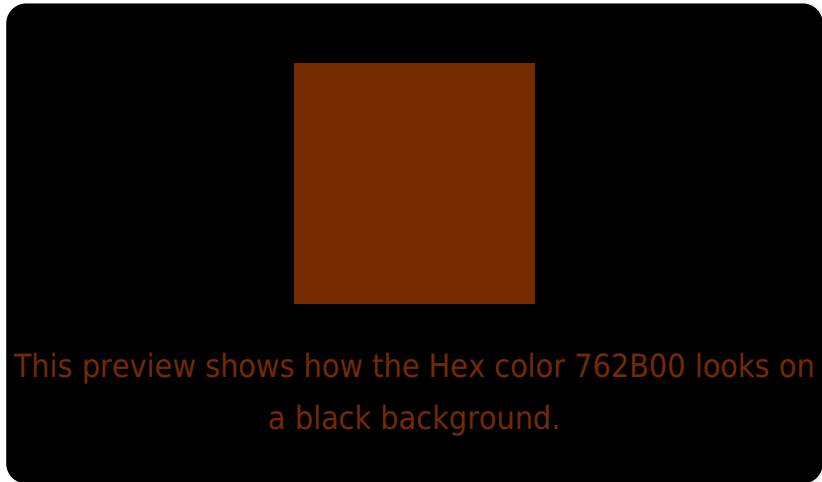
Large Text (above 18pt) WCAG AA ✓ Pass

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 762B00 Background



This preview shows how black text looks on a background with the Hex color 762B00.



This preview shows how white text looks on a background with the Hex color 762B00.

# 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



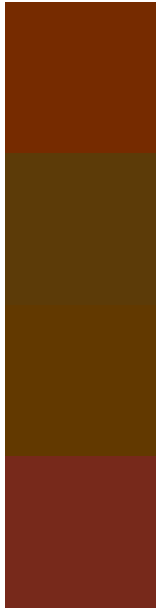
**Original Color**  
762B00

**Protanopia**  
4D440C

**Deuteranopia**  
564100



# Trichromacy



**Original Color**  
762B00

**Protanomaly**  
5C3B08

**Deuteranomaly**  
623900

**Tritanomaly**  
77291B

# Monochromacy



**Original Color**  
762B00

**Achromatopsia**  
3D3D3D

**Achromatomaly**  
523627

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 762B00 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 #762B00 looks like.

```
.text, #text, p{  
    color:#762B00  
}
```

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 #762B00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #762B00
}
```

## Border

The CSS property to change the border of an element to Hex 762B00 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
#762B00 }
```

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

```
.border{ border-color:#762B00 }
```

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

Here you see how a box with a 4 pixel #762B00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #762B00; -webkit-box-shadow:4px 4px  
4px 4px #762B00; box-shadow:4px 4px 4px  
4px #762B00 }
```

# Background

The CSS property to change the background color of an element to Hex 762B00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#762B00 }
```

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

```
.background{ background-color:#762B00 }
```

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