

# Converting Colors

Decimal(7020826)

Have a look what the booklet for  
Decimal(7020826) contains.

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**Color**

**Decimal(7020826)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6B211A
RGB	107, 33, 26
RGB Percent	42%, 13%, 10%
CMY	0.5804, 0.8706, 0.8980
CMYK	0.00, 0.69, 0.76, 0.58
HSL	5°, 61%, 26%
HSV	5°, 76%, 42%
XYZ	6.7937, 4.2881, 1.4469
YIQ	54.3280, 46.3510, 13.5110

# Conversions

## Conversions Part 2

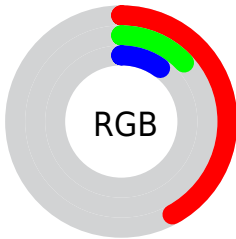
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	107, 34, 26
Decimal	7020826
CIE Lab	24.60, 32.50, 22.63
CIE LCh	25, 39.600, 34.855
Yxy	4.2881, 0.5423, 0.3423
Android (android.graphics.Color)	4285210906 (0xFF6B211A)
YUV	54.3280, -13.9657, 46.1933
Hunter-Lab	20.7077, 22.3232, 10.3527

# Details

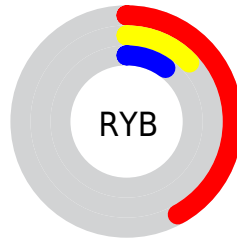
The Decimal color **7020826** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **1729643**, and the grayscale version is **3552822**.

A 20% lighter version of the original color is **10703430**, and **3473408** is the 20% darker color. If you saturate the color by 10%, you get **7018255**, and if you desaturate by 10%, it is **7023397**.

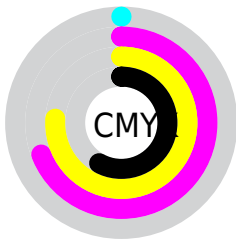
# Distribution



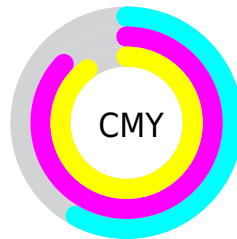
- Red (42%)
- Green (13%)
- Blue (10%)



- Red (42%)
- Yellow (13%)
- Blue (10%)



- Cyan (0%)
- Magenta (69%)
- Yellow (76%)
- Black (58%)



- Cyan (58%)
- Magenta (87%)
- Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7020826 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 Decimal color 7020826 by changing the saturation by 10% instead.



7020826

7020826

16777214

5244416

10703430

3473408

12610397

1376256

14583158

0

16556176

16759722

16766918

16774370

7020826

7020826

■ 7018255

■ 7023397

■ 7015685

■ 7025967

■ 7014656

■ 7028282

■ 7030853

■ 7033424

■ 7035994

■ 7038309

■ 7040880

■ 7043450

# Harmonies

## Analogous

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



7215415



7020826



5975808

# Triad

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



7020826



17951



15734

# Complementary

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



7020826



1729643

# 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.



17520



7020826



18495

# Square

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



7020826



2376192



18268



4206700

# Rectangle

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



7020826



5060352



18268



16502



# Sweetspot

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



7020826



9203564



7019108



4666675



13092807



4671303



# Same Dimension

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



7020826



9181197



7031066



3551536



7670272



16061696



# Inverse Universe

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



1729643



885132



1719403



3159350



27509

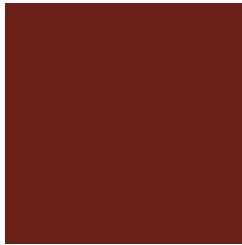


57589



# Previews

## White Background



This preview shows how the Decimal color 7020826 looks on a white background.

## Color Contrast Check

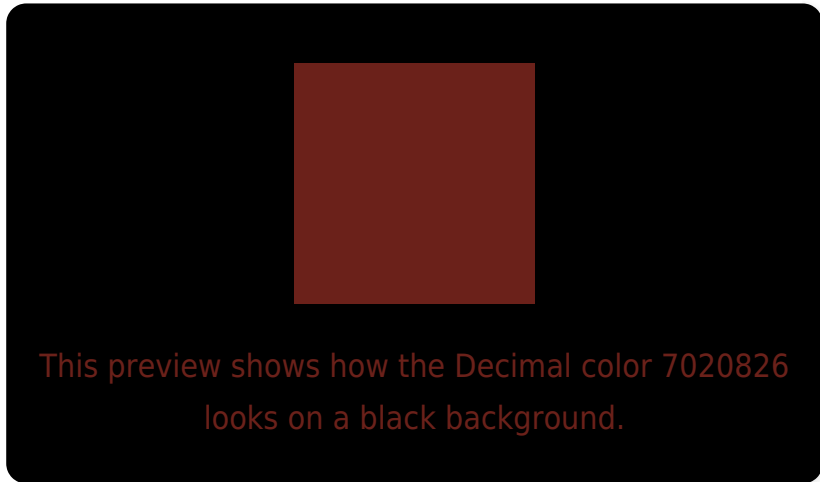
Large Text (above 18pt) WCAG AA ✓ Pass

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](#).



## Decimal 7020826 Background



This preview shows how black text looks on a background with the Decimal color 7020826.

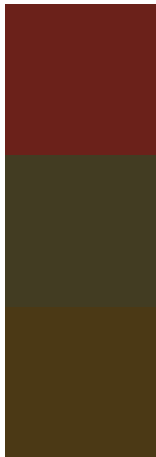


This preview shows how white text looks on a background with the Decimal color 7020826.

# 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**  
7020826

**Protanopia**  
4340770

**Deuteranopia**  
4929813



# Trichromacy



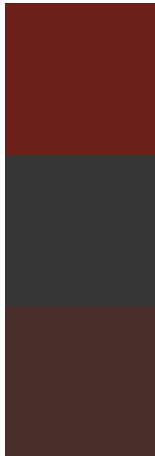
**Original Color**  
7020826

**Protanomaly**  
5321247

**Deuteranomaly**  
5713943

**Tritanomaly**  
7020575

# Monochromacy



**Original Color**  
7020826

**Achromatopsia**  
3552822

**Achromatomaly**  
4795948

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7020826 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 #6B211A looks like.

```
.text, #text, p{  
  color:#6B211A  
}
```

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 #6B211A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B211A
}
```

## Border

The CSS property to change the border of an element to Decimal 7020826 is called "border". The border property can be set on classes, ids or directly on the HTML element.

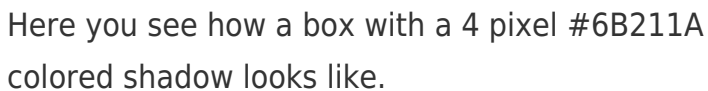
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6B211A }
```

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

```
.border{ border-color:#6B211A }
```

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



Here you see how a box with a 4 pixel #6B211A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B211A; -webkit-box-shadow:4px 4px  
4px 4px #6B211A; box-shadow:4px 4px 4px  
4px #6B211A }
```

# Background

The CSS property to change the background color of an element to Decimal 7020826 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B211A }
```

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

```
.background{ background-color:#6B211A }
```

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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