

# Converting Colors

Decimal(7026461)

Have a look what the booklet for  
Decimal(7026461) contains.

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**Color**

**Decimal(7026461)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6B371D
RGB	107, 55, 29
RGB Percent	42%, 22%, 11%
CMY	0.5804, 0.7843, 0.8863
CMYK	0.00, 0.49, 0.73, 0.58
HSL	20°, 57%, 27%
HSV	20°, 73%, 42%
XYZ	7.6514, 5.9469, 1.9070
YIQ	67.5840, 39.3380, 2.9380

# Conversions

## Conversions Part 2

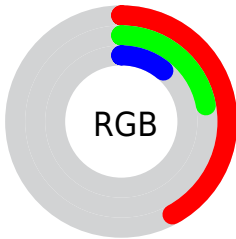
<b>Format</b>	<b>Color</b>
<b>RYB</b>	107, 68, 29
Decimal	7026461
CIELab	29.28, 20.73, 26.13
CIELCh	29, 33.351, 51.573
Yxy	5.9469, 0.4935, 0.3835
Android (android.graphics.Color)	4285216541 (0xFF6B371D)
YUV	67.5840, -19.0219, 34.5678
Hunter-Lab	24.3862, 13.3298, 12.4339

# Details

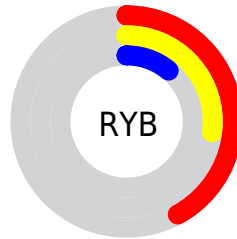
The Decimal color **7026461** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **1921387**, and the grayscale version is **4473924**.

A 20% lighter version of the original color is **10643274**, and **3607296** is the 20% darker color. If you saturate the color by 10%, you get **7024658**, and if you desaturate by 10%, it is **7028264**.

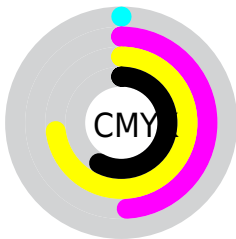
# Distribution



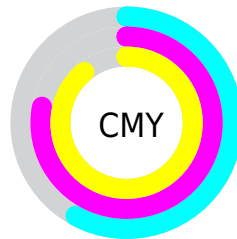
- Red (42%)
- Green (22%)
- Blue (11%)



- Red (42%)
- Yellow (27%)
- Blue (11%)



- Cyan (0%)
- Magenta (49%)
- Yellow (73%)
- Black (58%)



- Cyan (58%)
- Magenta (78%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7026461 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 7026461 by changing the saturation by 10% instead.



 7026461

 7026461

16777215

 5316870

 10643274

 3607296

 12484706

 2031617

 14391931

 0

 16364949

 16765360

 16772555

 16777191

 7026461

 7026461

■ 7024658

■ 7028264

■ 7022856

■ 7030066

■ 7021568

■ 7031869

■ 7033928

■ 7035730

■ 7037533

■ 7039336

■ 7041139

■ 7042941

# Harmonies

## Analogous

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



7614260



7026461



5849358

# Triad

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



7026461



20797



3752309

# Complementary

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



7026461



1921387

# 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.



19064



7026461



20823

# Square

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



7026461



2117155



20333



6108773

# Rectangle

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



7026461



4802317



20333



2507896



# Sweetspot

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



7026461



9205869



7019857



4668213



13092807



4671303



# Same Dimension

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



7026461



9190162



7036445



3551792



7677696



16077312



# Inverse Universe

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



1921387



1205388



1911403



3159094



20085



41973



# Previews

## White Background



This preview shows how the Decimal color 7026461 looks on a white background.

## Color Contrast Check

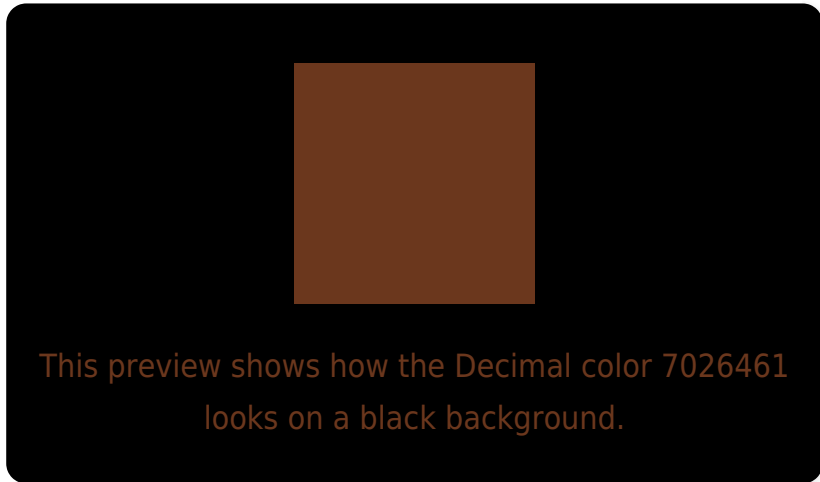
Large Text (above 18pt) WCAG AA ✓ Pass

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

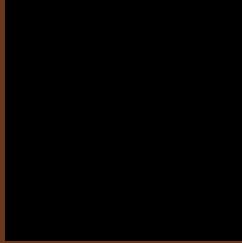
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 7026461 Background



This preview shows how black text looks on a background with the Decimal color 7026461.



This preview shows how white text looks on a background with the Decimal color 7026461.

# 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**  
7026461

**Protanopia**  
5064225

**Deuteranopia**  
5718554



# Trichromacy



**Original Color**  
7026461

**Protanomaly**  
5783840

**Deuteranomaly**  
6176283

**Tritanomaly**  
7091502

# Monochromacy



**Original Color**  
7026461

**Achromatopsia**  
4473924

**Achromatomaly**  
5390134

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7026461 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 #6B371D looks like.

```
.text, #text, p{  
  color:#6B371D  
}
```

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 #6B371D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B371D
}
```

## Border

The CSS property to change the border of an element to Decimal 7026461 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
#6B371D }
```

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

```
.border{ border-color:#6B371D }
```

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

Here you see how a box with a 4 pixel #6B371D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B371D; -webkit-box-shadow:4px 4px  
4px 4px #6B371D; box-shadow:4px 4px 4px  
4px #6B371D }
```

# Background

The CSS property to change the background color of an element to Decimal 7026461 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B371D }
```

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

```
.background{ background-color:#6B371D }
```

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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