

# Converting Colors

Decimal(7012378)

Have a look what the booklet for  
Decimal(7012378) contains.

<b>Decimal(7012378)</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**

**Decimal(7012378)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6B001A
RGB	107, 0, 26
RGB Percent	42%, 0%, 10%
CMY	0.5804, 1.0000, 0.8980
CMYK	0.00, 1.00, 0.76, 0.58
HSL	345°, 100%, 21%
HSV	345°, 100%, 42%
XYZ	6.2499, 3.2004, 1.2656
YIQ	34.9570, 55.4260, 30.7700

# Conversions

## Conversions Part 2

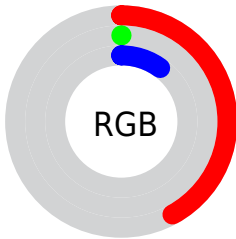
Format	Color
<a href="#">RYB</a>	<a href="#">107, 0, 26</a>
Decimal	<a href="#">7012378</a>
CIELab	<a href="#">20.83, 43.07, 18.19</a>
CIElCh	<a href="#">21, 46.751, 22.902</a>
Yxy	<a href="#">3.2004, 0.5832, 0.2987</a>
Android (android.graphics.Color)	<a href="#">4285202458 (0xFF6B001A)</a>
YUV	<a href="#">34.9570, -4.4158, 63.1817</a>
Hunter-Lab	<a href="#">17.8896, 31.0534, 8.3282</a>

# Details

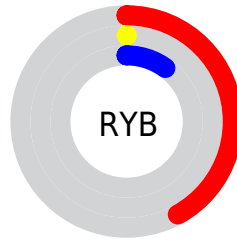
The Decimal color **7012378** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **27473**, and the grayscale version is **2302755**.

A 20% lighter version of the original color is **10763589**, and **3538946** is the 20% darker color. If you saturate the color by 10%, you get **7012378**, and if you desaturate by 10%, it is **7015202**.

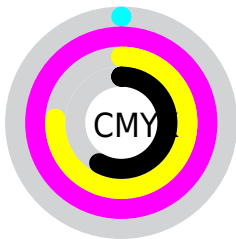
# Distribution



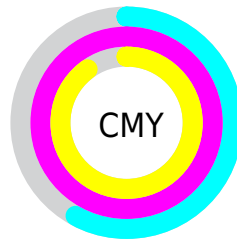
- Red (42%)
- Green (0%)
- Blue (10%)



- Red (42%)
- Yellow (0%)
- Blue (10%)



- Cyan (0%)
- Magenta (100%)
- Yellow (76%)
- Black (58%)



- Cyan (58%)
- Magenta (100%)
- Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7012378 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 7012378 by changing the saturation by 10% instead.



 7012378

 7012378

 16776701

 5242880

 10763589

 3538946

 12736348

 589824

 14709365

 0

 16682126


 16754857

 16762052

 16769248

 7012378

 7015202

 7017770

 7020594

 7023418

 7026243

 7028811

 7031635

 7034459

 7037027

# Harmonies

## Analogous

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



6881340



7012378



6167552

# Triad

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



7012378



15616



14711

# Complementary

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



7012378



27473

# 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.



16233



7012378



16425

# Square

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



7012378



2504704



16460



1060211

# Rectangle

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



7012378



5187840



16460



15477



# Sweetspot

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



7012378



9200236



5242987



4664884



13092807



4671303



# Same Dimension

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



7012378



9175074



7019264



3551281



7667741



16056379



# Inverse Universe

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



7012378



9175074



20587



3551281



7667741

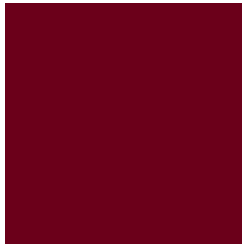


16056379



# Previews

## White Background



This preview shows how the Decimal color 7012378 looks on a white background.

## Color Contrast Check

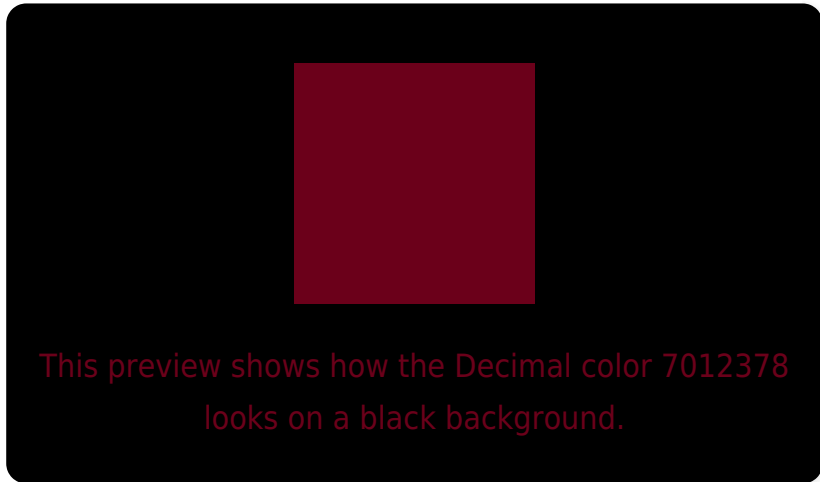
Large Text (above 18pt) WCAG AA ✓ Pass

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 7012378 Background



This preview shows how black text looks on a background with the Decimal color 7012378.

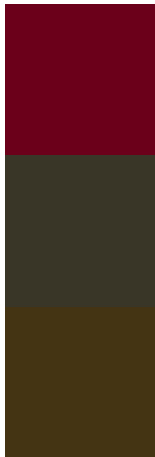


This preview shows how white text looks on a background with the Decimal color 7012378.

# 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**  
7012378

**Protanopia**  
3814951

**Deuteranopia**  
4469780



# Trichromacy



**Original Color**  
7012378

**Protanomaly**  
4989474

**Deuteranomaly**  
5382422

**Tritanomaly**  
7014157

# Monochromacy



**Original Color**  
7012378

**Achromatopsia**  
2302755

**Achromatomaly**  
4003360

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7012378 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 #6B001A looks like.

```
.text, #text, p{  
    color:#6B001A  
}
```

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 #6B001A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B001A
}
```

## Border

The CSS property to change the border of an element to Decimal 7012378 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
#6B001A }
```

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

```
.border{ border-color:#6B001A }
```

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

Here you see how a box with a 4 pixel #6B001A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B001A; -webkit-box-shadow:4px 4px  
4px 4px #6B001A; box-shadow:4px 4px 4px  
4px #6B001A }
```

# Background

The CSS property to change the background color of an element to Decimal 7012378 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B001A }
```

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

```
.background{ background-color:#6B001A }
```

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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