

# Converting Colors

Decimal(7602196)

Have a look what the booklet for  
Decimal(7602196) contains.

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**Color**

**Decimal(7602196)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	740014
RGB	116, 0, 20
RGB Percent	45%, 0%, 8%
CMY	0.5451, 1.0000, 0.9216
CMYK	0.00, 1.00, 0.83, 0.55
HSL	350°, 100%, 23%
HSV	350°, 100%, 45%
XYZ	7.3287, 3.7635, 1.0020
YIQ	36.9640, 62.7160, 30.8120

# Conversions

## Conversions Part 2

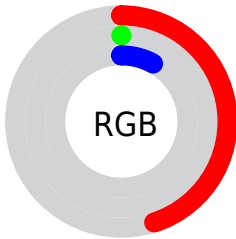
Format	Color
<a href="#">RYB</a>	116, 0, 20
Decimal	7602196
CIELab	22.87, 45.25, 25.11
CIElCh	23, 51.756, 29.026
Yxy	3.7635, 0.6060, 0.3112
Android (android.graphics.Color)	4285792276 (0xFF740014)
YUV	36.9640, -8.3633, 69.3146
Hunter-Lab	19.3998, 33.4830, 10.5176

# Details

The Decimal color **7602196** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **29792**, and the grayscale version is **2434341**.

A 20% lighter version of the original color is **11485246**, and **3932161** is the 20% darker color. If you saturate the color by 10%, you get **7602196**, and if you desaturate by 10%, it is **7605278**.

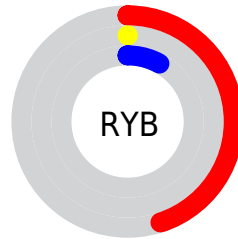
# Distribution



Red (45%)

Green (0%)

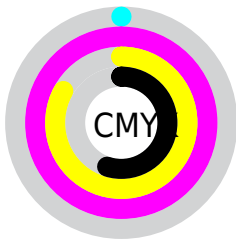
Blue (8%)



Red (45%)

Yellow (0%)

Blue (8%)

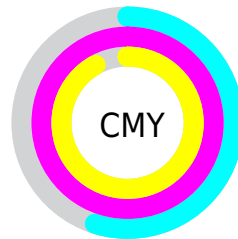


Cyan (0%)

Magenta (100%)

Yellow (83%)

Black (55%)



Cyan (55%)

Magenta (100%)

Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7602196 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 7602196 by changing the saturation by 10% instead.



 7602196

 7602196

 16777205

 5767168

 11485246

 3932161

 13458006

 1835009

 15430766

 0

 16748423

 16755618

 16762813


 16770265


 7602196

 7605278

 7608103

 7611185

 7614010

 7617092

 7620174

 7622999

 7626081

 7628906

# Harmonies

## Analogous

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



7733306



7602196



6431488

# Triad

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



7602196



17416



15749

# Complementary

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



7602196



29792

# 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.



17529



7602196



17972

# Square

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



7602196



2047744



18011



2698619

# Rectangle

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



7602196



5255168



18011



16516



# Sweetspot

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



7602196



9857393



6226036



5058870



13421772



5066061



# Same Dimension

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



7602196



9830426



7611648



3880246



7995413



16384043



# Inverse Universe

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



7602196



9830426



20340



3880246



7995413

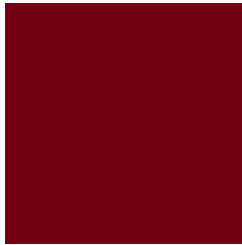


16384043



# Previews

## White Background



This preview shows how the Decimal color 7602196 looks on a white background.

## Color Contrast Check

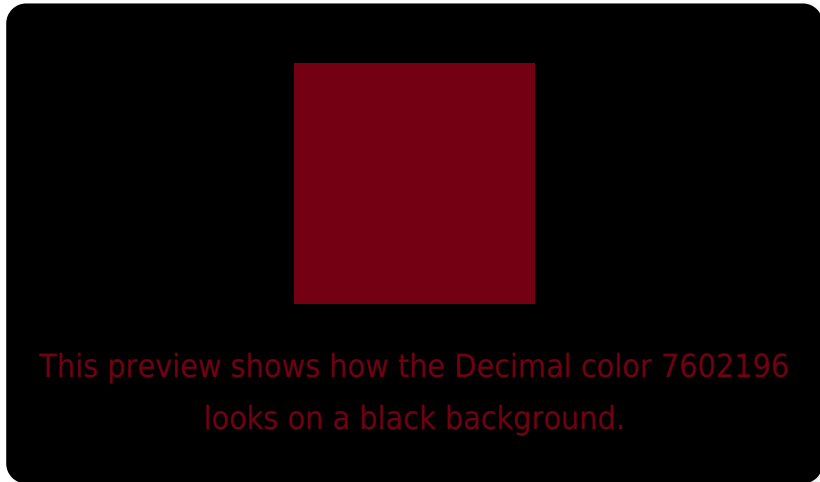
Large Text (above 18pt) WCAG AA ✓ Pass

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 7602196 Background



This preview shows how black text looks on a background with the Decimal color 7602196.



This preview shows how white text looks on a background with the Decimal color 7602196.

# 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**  
7602196

**Protanopia**  
4274976

**Deuteranopia**  
4864008



# Trichromacy



**Original Color**

7602196

**Protanomaly**

5514780

**Deuteranomaly**

5841932

**Tritanomaly**

7603719

# Monochromacy



**Original Color**

7602196

**Achromatopsia**

2434341

**Achromatomaly**

4331551

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7602196 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 #740014 looks like.

```
.text, #text, p{  
    color:#740014  
}
```

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 #740014 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #740014
}
```

## Border

The CSS property to change the border of an element to Decimal 7602196 is called "border". The border property can be set on classes, ids or directly on the HTML element.

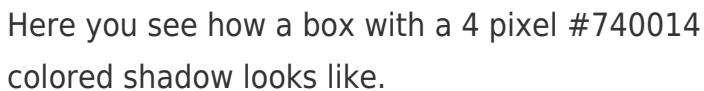
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#740014 }
```

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

```
.border{ border-color:#740014 }
```

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



Here you see how a box with a 4 pixel #740014 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #740014; -webkit-box-shadow:4px 4px  
4px 4px #740014; box-shadow:4px 4px 4px  
4px #740014 }
```

# Background

The CSS property to change the background color of an element to Decimal 7602196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#740014 }
```

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

```
.background{ background-color:#740014 }
```

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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