

# Converting Colors

Decimal(7563028)

Have a look what the booklet for  
Decimal(7563028) contains.

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**Color**

**Decimal(7563028)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	736714
RGB	115, 103, 20
RGB Percent	45%, 40%, 8%
CMY	0.5490, 0.5961, 0.9216
CMYK	0.00, 0.10, 0.83, 0.55
HSL	52°, 70%, 26%
HSV	52°, 83%, 45%
XYZ	12.0467, 13.3958, 2.6125
YIQ	97.1260, 33.7950, -23.2690

# Conversions

## Conversions Part 2

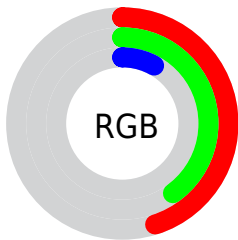
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	34, 115, 20
Decimal	7563028
CIE Lab	43.35, -4.68, 44.65
CIE LCh	43, 44.893, 95.980
Yxy	13.3958, 0.4294, 0.4775
Android (android.graphics.Color)	4285753108 (0xFF736714)
YUV	97.1260, -38.0231, 15.6755
Hunter-Lab	36.6003, -5.2985, 21.3881

# Details

The Decimal color **7563028** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **1319027**, and the grayscale version is **6381921**.

A 20% lighter version of the original color is **11180615**, and **4208640** is the 20% darker color. If you saturate the color by 10%, you get **7562761**, and if you desaturate by 10%, it is **7563296**.

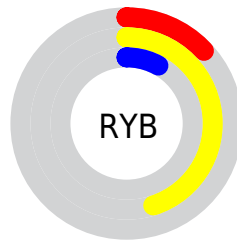
# Distribution



Red (45%)

Green (40%)

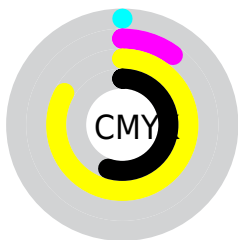
Blue (8%)



Red (13%)

Yellow (45%)

Blue (8%)

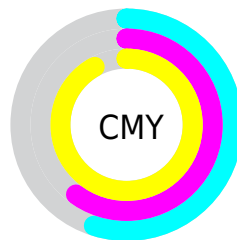


Cyan (0%)

Magenta (10%)

Yellow (83%)

Black (55%)



Cyan (55%)

Magenta (60%)

Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7563028 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 7563028 by changing the saturation by 10% instead.





7563028



7563028

16777215



5852928



11180615



4208640



13022305



2499328



14930042



462592



16772245



0



16777136



16777164



16777193



7563028



7563028

■ 7562761

■ 7563296

■ 7562240

■ 7563819

■ 7564087

■ 7564610

■ 7564878

■ 7565401

■ 7565669

■ 7566192

■ 7566460

# Harmonies

## Analogous

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



9591072



7563028



5009702

# Triad

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



7563028



30609



10046085

# Complementary

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



7563028



1319027

# 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.



7494051



7563028



29354

# Square

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



7563028



30829



2123953



11158368

# Rectangle

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



7563028



2585915



2123953



9392017



# Sweetspot

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



7563028



9867889



7541793



5065270



13421772



5066061



# Same Dimension

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



7563028



9864194



5272340



3881525



8022784



16439808



# Inverse Universe

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



1319027



136342



3609715



3487291



3962



8442



# Previews

## White Background



This preview shows how the Decimal color 7563028 looks on a white background.

## Color Contrast Check

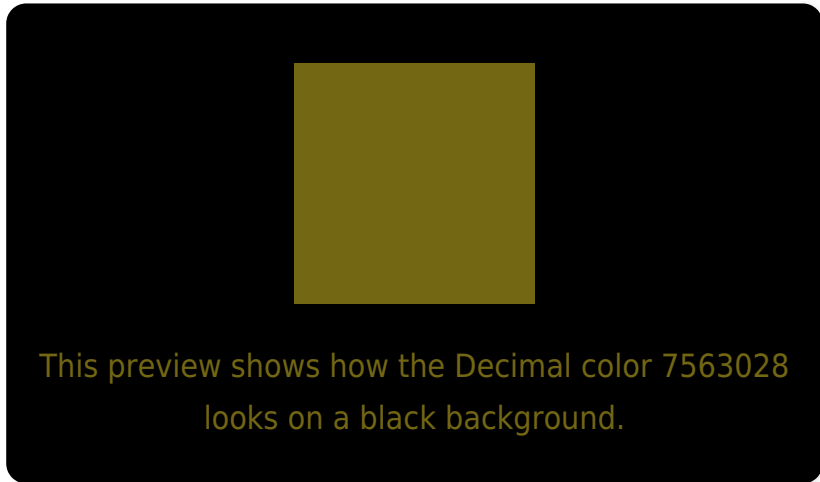
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

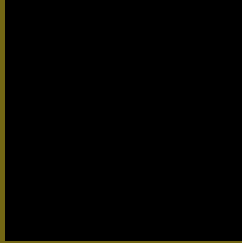
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 7563028 Background



This preview shows how black text looks on a background with the Decimal color 7563028.



This preview shows how white text looks on a background with the Decimal color 7563028.

# 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**  
7563028

**Protanopia**  
7563028

**Deuteranopia**  
8478999



# Trichromacy



**Original Color**  
7563028

**Protanomaly**  
7563028

**Deuteranomaly**  
8151830

**Tritanomaly**  
7824201

# Monochromacy



**Original Color**  
7563028

**Achromatopsia**  
6381921

**Achromatomaly**  
6841157

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7563028 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 #736714 looks like.

```
.text, #text, p{  
  color:#736714  
}
```

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 #736714 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #736714
}
```

## Border

The CSS property to change the border of an element to Decimal 7563028 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
#736714 }
```

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

```
.border{ border-color:#736714 }
```

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

Here you see how a box with a 4 pixel #736714 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #736714; -webkit-box-shadow:4px 4px  
4px 4px #736714; box-shadow:4px 4px 4px  
4px #736714 }
```

# Background

The CSS property to change the background color of an element to Decimal 7563028 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#736714 }
```

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

```
.background{ background-color:#736714 }
```

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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