

Converting Colors

Decimal(7787541)

Have a look what the booklet for
Decimal(7787541) contains.

Decimal(7787541)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(7787541)

Conversions

Conversions Part 1

Format	Color
Hex	76D415
RGB	118, 212, 21
RGB Percent	46%, 83%, 8%
CMY	0.5373, 0.1686, 0.9176
CMYK	0.44, 0.00, 0.90, 0.17
HSL	90°, 82%, 46%
HSV	90°, 90%, 83%
XYZ	31.1501, 50.9927, 8.9103
YIQ	162.1200, 5.2870, -79.3290

Conversions

Conversions Part 2

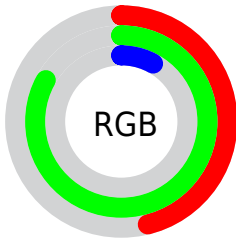
Format	Color
RYB	21, 212, 115
Decimal	7787541
CIELab	76.67, -54.73, 72.95
CIELCh	77, 91.201, 126.878
Yxy	50.9927, 0.3421, 0.5600
Android (android.graphics.Color)	4285977621 (0xFF76D415)
YUV	162.1200, -69.5722, -38.6932
Hunter-Lab	71.4091, -47.1008, 42.5883

Details

The Decimal color **7787541** is a dark color, and the websafe version is hex **66CC00**. The color can be described as dark washed chartreuse. A complement of this color would be **7542228**, and the grayscale version is **10724259**.

A 20% lighter version of the original color is **11665243**, and **3644416** is the 20% darker color. If you saturate the color by 10%, you get **7132160**, and if you desaturate by 10%, it is **8442922**.

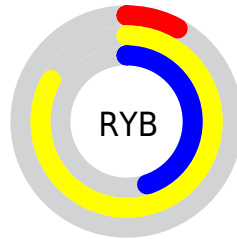
Distribution



Red (46%)

Green (83%)

Blue (8%)



Red (8%)

Yellow (83%)

Blue (45%)

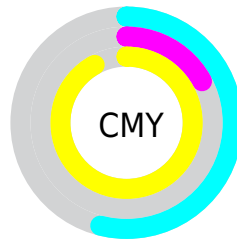


Cyan (44%)

Magenta (0%)

Yellow (90%)

Black (17%)



Cyan (54%)


Magenta (17%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7787541 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 7787541 by changing the saturation by 10% instead.

 7787541

 7787541

16777215

 5814272

 11665243

 3644416

 13631352

 295424

 15662996

 26624

 16777137

 20224

 16777166

 14080

 16777196

 7936

 0

 7787541

 7787541

■ 7132160

■ 8442922

■ 9163839

■ 9819221

■ 10540138

■ 11195519

■ 11916436

■ 12571817

■ 13227199

■ 13948116

Harmonies

Analogous

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



13746176



7787541



57207

Triad

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



7787541



55551



16735661

Complementary

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



7787541



7542228

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.



16741119



7787541



49663

Square

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



7787541



57855



14065151



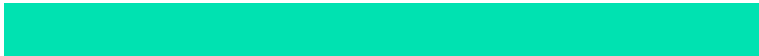
16742492

Rectangle

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



7787541



58033



14065151



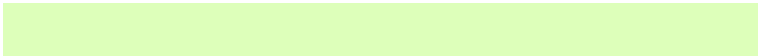
16735946

Sweetspot

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



7787541



14548922



13922581



7045207



0



8421504

Same Dimension

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



7787541



8584960



1627157



6712160



5745408



1452800

Inverse Universe

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



7542228



8192255



13702612



6709355



5505195



1376299

Previews

White Background



This preview shows how the Decimal color 7787541 looks on a white background.

Color Contrast Check

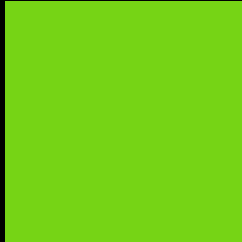
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Decimal color 7787541 looks on a black 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

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

Decimal 7787541 Background



This preview shows how black text looks on a background with the Decimal color 7787541.



This preview shows how white text looks on a background with the Decimal color 7787541.

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](#).

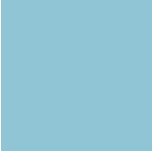
Dichromacy



Original Color
7787541

Protanopia
13942025

Deuteranopia
15512111



Tritanopia
9422293

Trichromacy



Original Color
7787541

Protanomaly
11715853

Deuteranomaly
12697126

Tritanomaly
8833679

Monochromacy



Original Color
7787541

Achromatopsia
10658466

Achromatomaly
9614447

CSS Examples

Text

The CSS property to change the color of the text to Decimal 7787541 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 #76D415 looks like.

```
.text, #text, p{  
    color:#76D415  
}
```

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 #76D415 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76D415
}
```

Border

The CSS property to change the border of an element to Decimal 7787541 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
#76D415 }
```

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

```
.border{ border-color:#76D415 }
```

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

Here you see how a box with a 4 pixel #76D415 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76D415; -webkit-box-shadow:4px 4px  
4px 4px #76D415; box-shadow:4px 4px 4px  
4px #76D415 }
```

Background

The CSS property to change the background color of an element to Decimal 7787541 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76D415 }
```

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

```
.background{ background-color:#76D415 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor