

# Converting Colors

Decimal(7463453)

Have a look what the booklet for  
Decimal(7463453) contains.

<b>Decimal(7463453)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Decimal(7463453)**

# Conversions

## Conversions Part 1

Format	Color
Hex	71E21D
RGB	113, 226, 29
RGB Percent	44%, 89%, 11%
CMY	0.5569, 0.1137, 0.8863
CMYK	0.50, 0.00, 0.87, 0.11
HSL	94°, 77%, 50%
HSV	94°, 87%, 89%
XYZ	34.2282, 57.9921, 10.5520
YIQ	169.7550, -4.1110, -85.2230

# Conversions

## Conversions Part 2

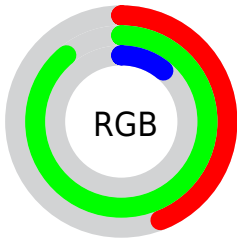
Format	Color
R <sub>Y</sub> B	29, 226, 142
Decimal	7463453
CIE Lab	80.73, -61.23, 74.92
CIE LCh	81, 96.756, 129.259
Yxy	57.9921, 0.3330, 0.5643
Android (android.graphics.Color)	4285653533 (0xFF71E21D)
YUV	169.7550, -69.3922, -49.7741
Hunter-Lab	76.1526, -53.0369, 45.0913

# Details

The Decimal color **7463453** 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 **9313762**, and the grayscale version is **11184810**.

A 20% lighter version of the original color is **11468641**, and **2861568** is the 20% darker color. If you saturate the color by 10%, you get **6611462**, and if you desaturate by 10%, it is **8315444**.

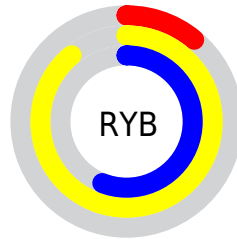
# Distribution



Red (44%)

Green (89%)

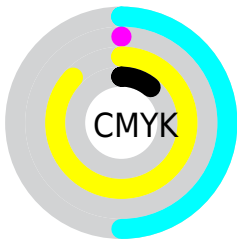
Blue (11%)



Red (11%)

Yellow (89%)

Blue (56%)

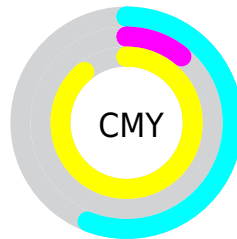


Cyan (50%)

Magenta (0%)

Yellow (87%)

Black (11%)



Cyan (56%)

Magenta (11%)

Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7463453 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 7463453 by changing the saturation by 10% instead.



 7463453

 7463453

16777215

 5358848

 11468641

 2861568

 13434750

 36352

 15466395

 29696

 16777144

 23040

 16777173

 16640

 16777203

 10752

 1280

 0

 7463453

 7463453

 6611462


 8315444

 6349312

 9167434

 10019425


 10871415

 11723406

 12575397

 13427387

 14279378

 15131368

# Harmonies

## Analogous

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



14142720



7463453



60804

# Triad

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



7463453



58367



16736432

# Complementary

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



7463453



9313762

# 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.



16741375



7463453



51967

# Square

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



7463453



61439



15573759



16744794

# Rectangle

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



7463453



61635



15573759



16736463

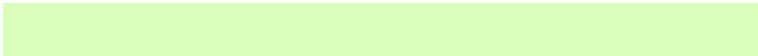


# Sweetspot

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



7463453



14286781



14847261



6914136



0



8421504



# Same Dimension

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



7463453



7208704



1958442



6975589



4960256



1388544



# Inverse Universe

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



9313762



9568511



14818773



7038320



6619312

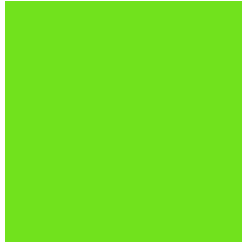


1835056



# Previews

## White Background



This preview shows how the Decimal color 7463453 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 7463453 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 7463453 Background



This preview shows how black text looks on a background with the Decimal color 7463453.



This preview shows how white text looks on a background with the Decimal color 7463453.

# 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](#).

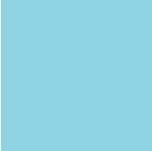
## Dichromacy



**Original Color**  
7463453

**Protanopia**  
14731028

**Deuteranopia**  
16432437



**Tritanopia**  
9425635

# Trichromacy



**Original Color**

7463453



**Protanomaly**

12112151



**Deuteranomaly**

13158956



**Tritanomaly**

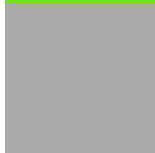
8706203

# Monochromacy



**Original Color**

7463453



**Achromatopsia**

11184810



**Achromatomaly**

9813623

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7463453 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 #71E21D looks like.

```
.text, #text, p{  
    color:#71E21D  
}
```

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 #71E21D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71E21D
}
```

## Border

The CSS property to change the border of an element to Decimal 7463453 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
#71E21D }
```

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

```
.border{ border-color:#71E21D }
```

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

Here you see how a box with a 4 pixel #71E21D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71E21D; -webkit-box-shadow:4px 4px  
4px 4px #71E21D; box-shadow:4px 4px 4px  
4px #71E21D }
```

# Background

The CSS property to change the background color of an element to Decimal 7463453 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71E21D }
```

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

```
.background{ background-color:#71E21D }
```

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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