

Converting Colors

Decimal(7453967)

Have a look what the booklet for
Decimal(7453967) contains.

Decimal(7453967)	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(7453967)

Conversions

Conversions Part 1

Format	Color
Hex	71BD0F
RGB	113, 189, 15
RGB Percent	44%, 74%, 6%
CMY	0.5569, 0.2588, 0.9412
CMYK	0.40, 0.00, 0.92, 0.26
HSL	86°, 85%, 40%
HSV	86°, 92%, 74%
XYZ	25.0939, 39.9404, 6.8386
YIQ	146.4400, 10.5580, -70.2260

Conversions

Conversions Part 2

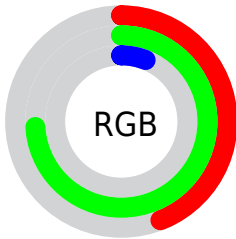
Format	Color
RYB	15, 189, 91
Decimal	7453967
CIELab	69.43, -47.46, 67.79
CIELCh	69, 82.751, 124.997
Yxy	39.9404, 0.3491, 0.5557
Android (android.graphics.Color)	4285644047 (0xFF71BD0F)
YUV	146.4400, -64.7999, -29.3269
Hunter-Lab	63.1984, -39.7211, 37.8232

Details

The Decimal color **7453967** is a dark color, and the websafe version is hex **66CC33**. A complement of this color would be **5967805**, and the grayscale version is **9671571**.

A 20% lighter version of the original color is **11269716**, and **3507968** is the 20% darker color. If you saturate the color by 10%, you get **6995200**, and if you desaturate by 10%, it is **7978274**.

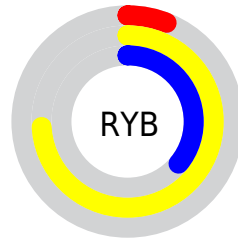
Distribution



Red (44%)

Green (74%)

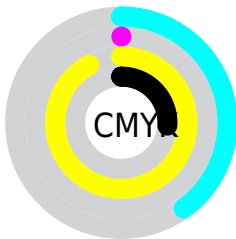
Blue (6%)



Red (6%)

Yellow (74%)

Blue (36%)

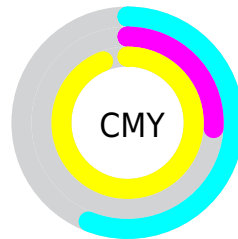


Cyan (40%)

Magenta (0%)

Yellow (92%)

Black (26%)



Cyan (56%)

Magenta (26%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7453967 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 7453967 by changing the saturation by 10% instead.



7453967



7453967

16777215



5546496



11269716



3507968



13172592



1076480



15138700



21504



16777129



15360



16777157



9728



16777187



0



7453967



7453967



6995200




7978274

 8568117

 9092424

 9616731

 10141038

 10730880

 11255187

 11779494

 12303801

Harmonies

Analogous

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



12626432



7453967



51046

Triad

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



7453967



49919



16733600

Complementary

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



7453967



5967805

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.



16738794



7453967



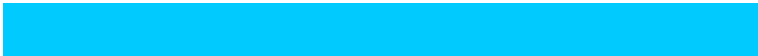
45055

Square

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



7453967



51966



12095487



16738904

Rectangle

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



7453967



51866



12095487



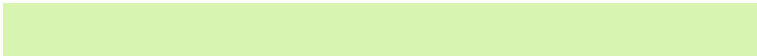
16734137

Sweetspot

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



7453967



14153136



12409359



6847057



16448250



8026746

Same Dimension

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



7453967



9106688



1817871



5922389



5873152



1122048

Inverse Universe

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



5967805



7012597



11603901



5854558



4522142



851999

Previews

White Background



This preview shows how the Decimal color 7453967 looks on a white background.

Color Contrast Check

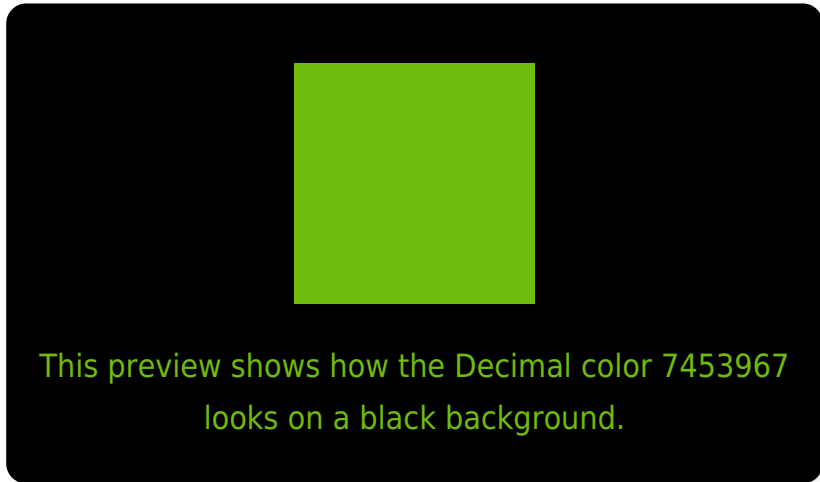
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 7453967 Background



This preview shows how black text looks on a background with the Decimal color 7453967.



This preview shows how white text looks on a background with the Decimal color 7453967.

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
7453967

Protanopia
12495104

Deuteranopia
13934632



Tritanopia
8827070

Trichromacy



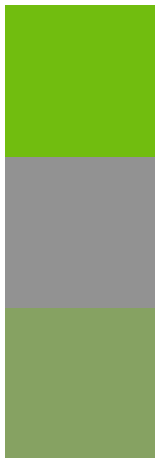
Original Color
7453967

Protanomaly
10661893

Deuteranomaly
11578143

Tritanomaly
8303998

Monochromacy



Original Color
7453967

Achromatopsia
9605778

Achromatomaly
8823394

CSS Examples

Text

The CSS property to change the color of the text to Decimal 7453967 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 #71BD0F looks like.

```
.text, #text, p{  
    color:#71BD0F  
}
```

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 #71BD0F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71BD0F
}
```

Border

The CSS property to change the border of an element to Decimal 7453967 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
#71BD0F }
```

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

```
.border{ border-color:#71BD0F }
```

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

Here you see how a box with a 4 pixel #71BD0F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71BD0F; -webkit-box-shadow:4px 4px  
4px 4px #71BD0F; box-shadow:4px 4px 4px  
4px #71BD0F }
```

Background

The CSS property to change the background color of an element to Decimal 7453967 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71BD0F }
```

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

```
.background{ background-color:#71BD0F }
```

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