

Converting Colors

Decimal(5701420)

Have a look what the booklet for
Decimal(5701420) contains.

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Color

Decimal(5701420)

Conversions

Conversions Part 1

Format	Color
Hex	56FF2C
RGB	86, 255, 44
RGB Percent	34%, 100%, 17%
CMY	0.6627, 0.0000, 0.8275
CMYK	0.66, 0.00, 0.83, 0.00
HSL	108°, 100%, 59%
HSV	108°, 83%, 100%
XYZ	40.0524, 73.6803, 14.4936
YIQ	180.4150, -32.9930, -101.4490

Conversions

Conversions Part 2

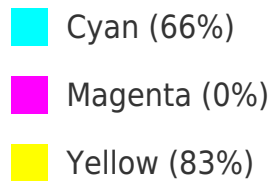
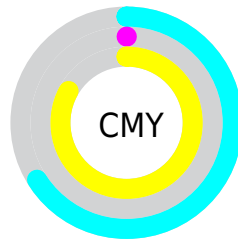
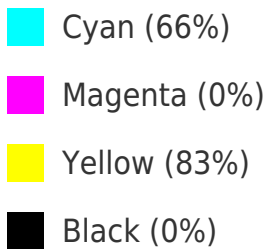
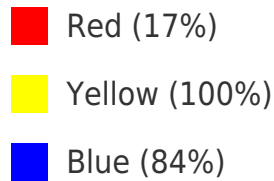
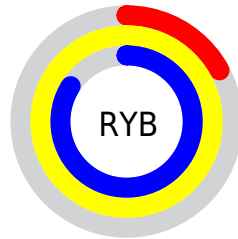
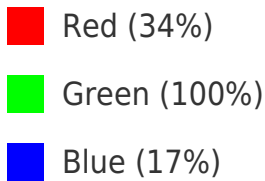
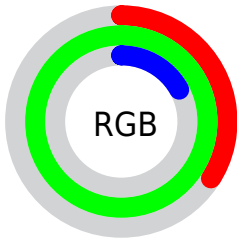
Format	Color
RYB	44, 255, 213
Decimal	5701420
CIELab	88.77, -76.74, 78.52
CIELCh	89, 109.795, 134.343
Yxy	73.6803, 0.3124, 0.5746
Android (android.graphics.Color)	4283891500 (0xFF56FF2C)
YUV	180.4150, -67.2526, -82.8020
Hunter-Lab	85.8372, -66.9255, 50.0749

Details

The Decimal color **5701420** is a dark color, and the websafe version is hex **66FF33**. The color can be described as dark washed green. A complement of this color would be **13970687**, and the grayscale version is **11908533**.

A 20% lighter version of the original color is **10223469**, and **50432** is the 20% darker color. If you saturate the color by 10%, you get **4390675**, and if you desaturate by 10%, it is **7012166**.

Distribution



Brightness & Saturation Gradients

These gradients show how the Decimal color 5701420 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 5701420 by changing the saturation by 10% instead.

 5701420

 5701420

16777215

 2613760

 10223469

 50432

 12386187

 43008

 14417832

 36096

 16515014

 29184

 16777188

 22272

 16128

 9472

 0

■ 5701420

■ 5701420

■ 4390675

■ 7012166

■ 3407616

■ 8388447

■ 9699193

■ 11075474

■ 12386220

■ 13762501

■ 15073247

■ 16383992

16777215

Harmonies

Analogous

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



14543360



5701420



65442

Triad

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



5701420



64511



16736946

Complementary

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



5701420



13970687

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.



16740351



5701420



56319

Square

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



5701420



65535



16754943



16749389

Rectangle

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



5701420



65516



16754943



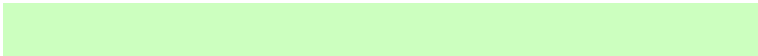
16735700

Sweetspot

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



5701420



13434815



16766252



6389849



0



8421504

Same Dimension

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



5701420



3538691



2948971



7700595



2539264



868352

Inverse Universe

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



13970687



13435903



16723136



8221568



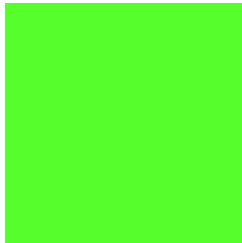
10027199



3342400

Previews

White Background



This preview shows how the Decimal color 5701420 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 5701420 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 5701420 Background



This preview shows how black text looks on a background with the Decimal color 5701420.

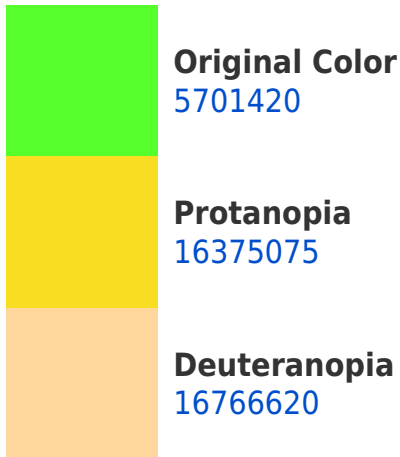


This preview shows how white text looks on a background with the Decimal color 5701420.

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](#).

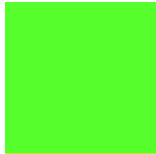
Dichromacy





Tritanopia
9104895

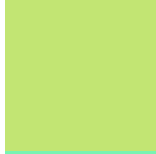
Trichromacy



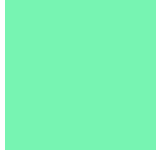
Original Color
5701420



Protanomaly
12511526

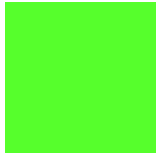


Deuteranomaly
12772723



Tritanomaly
7861426

Monochromacy



Original Color
5701420



Achromatopsia
11842740



Achromatomaly
9621379

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5701420 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 #56FF2C looks like.

```
.text, #text, p{  
    color:#56FF2C  
}
```

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 #56FF2C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #56FF2C
}
```

Border

The CSS property to change the border of an element to Decimal 5701420 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
#56FF2C }
```

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

```
.border{ border-color:#56FF2C }
```

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

Here you see how a box with a 4 pixel #56FF2C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #56FF2C; -webkit-box-shadow:4px 4px  
4px 4px #56FF2C; box-shadow:4px 4px 4px  
4px #56FF2C }
```

Background

The CSS property to change the background color of an element to Decimal 5701420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#56FF2C }
```

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

```
.background{ background-color:#56FF2C }
```

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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