

Converting Colors

Decimal(6153984)

Have a look what the booklet for
Decimal(6153984) contains.

Decimal(6153984)	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(6153984)

Conversions

Conversions Part 1

Format	Color
Hex	5DE700
RGB	93, 231, 0
RGB Percent	36%, 91%, 0%
CMY	0.6353, 0.0941, 1.0000
CMYK	0.60, 0.00, 1.00, 0.09
HSL	96°, 100%, 45%
HSV	96°, 100%, 91%
XYZ	33.0901, 59.4790, 9.7366
YIQ	163.4040, -8.0970, -101.0970

Conversions

Conversions Part 2

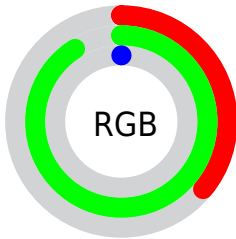
Format	Color
RYB	0, 231, 138
Decimal	6153984
CIELab	81.55, -68.75, 78.76
CIELCh	82, 104.546, 131.118
Yxy	59.4790, 0.3234, 0.5814
Android (android.graphics.Color)	4284344064 (0xFF5DE700)
YUV	163.4040, -80.5582, -61.7443
Hunter-Lab	77.1226, -58.3776, 46.5006

Details

The Decimal color **6153984** 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 **9044199**, and the grayscale version is **10790052**.

A 20% lighter version of the original color is **10420056**, and **44544** is the 20% darker color. If you saturate the color by 10%, you get **6153984**, and if you desaturate by 10%, it is **7071511**.

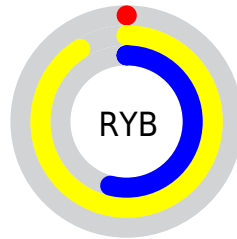
Distribution



Red (36%)

Green (91%)

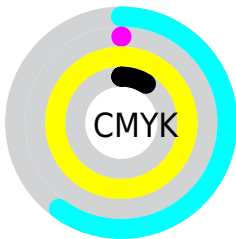
Blue (0%)



Red (0%)

Yellow (91%)

Blue (54%)

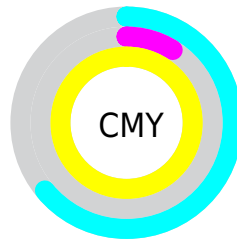


Cyan (60%)

Magenta (0%)

Yellow (100%)

Black (9%)



Cyan (64%)













Magenta (9%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6153984 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 6153984 by changing the saturation by 10% instead.

 6153984	 6153984
 16777215	 3656192
 10420056	 44544
 12451702	 37632
 14483347	 30720
 16514993	 23808
 16777166	 17408
 16777196	 11264
	 2816
	 0

 6153984

 7071511

 7989038

 8841029

 9758556

 10676084

 11593611

 12511138

 13363129

 14280656

Harmonies

Analogous

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



13816320



6153984



62087

Triad

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



6153984



59391



16732331

Complementary

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



6153984



9044199

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.



16737791



6153984



52223

Square

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



6153984



62463



16358911



16743756

Rectangle

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



6153984



62924



16358911



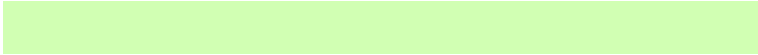
16731851

Sweetspot

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



6153984



13762483



15173376



6586450



0



8421504

Same Dimension

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



6153984



6815488



59155



7107431



4764416



1389312

Inverse Universe

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



9044199



9961727



15139028



7235443



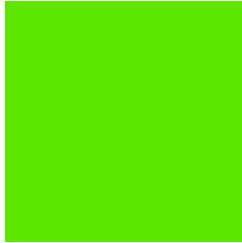
7012531



1966131

Previews

White Background



This preview shows how the Decimal color 6153984 looks on a white background.

Color Contrast Check

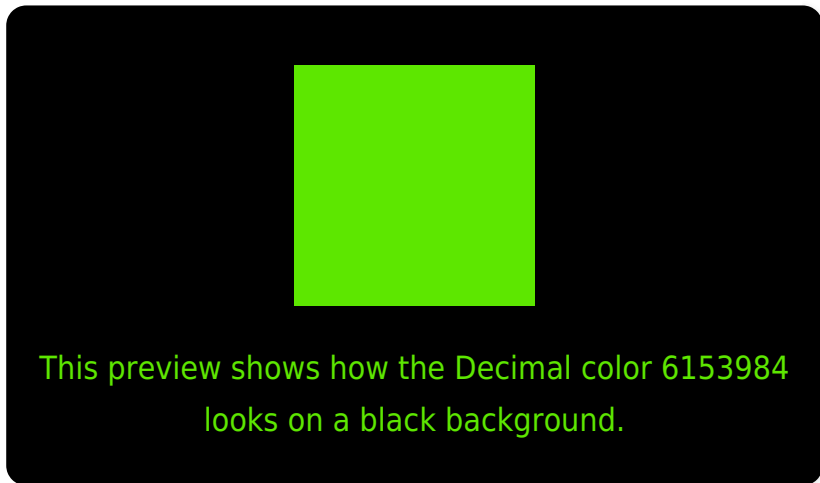
Large Text (above 18pt) WCAG AA × Fail

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

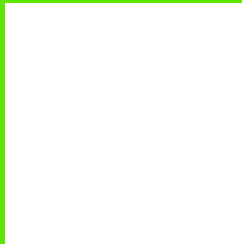
Any Text WCAG AAA ✓ Pass

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

Decimal 6153984 Background



This preview shows how black text looks on a background with the Decimal color 6153984.

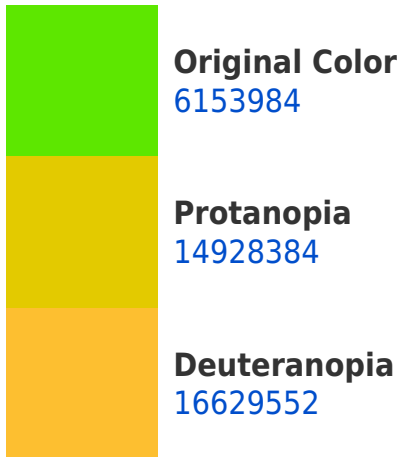


This preview shows how white text looks on a background with the Decimal color 6153984.

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](#).

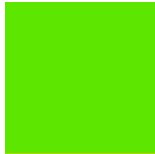
Dichromacy





Tritanopia
8574952

Trichromacy



Original Color
6153984



Protanomaly
11719936



Deuteranomaly
12832287



Tritanomaly
7724436

Monochromacy



Original Color
6153984



Achromatopsia
10724259



Achromatomaly
9092200

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6153984 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 #5DE700 looks like.

```
.text, #text, p{  
    color:#5DE700  
}
```

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 #5DE700 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5DE700
}
```

Border

The CSS property to change the border of an element to Decimal 6153984 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
#5DE700 }
```

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

```
.border{ border-color:#5DE700 }
```

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

Here you see how a box with a 4 pixel #5DE700 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5DE700; -webkit-box-shadow:4px 4px  
4px 4px #5DE700; box-shadow:4px 4px 4px  
4px #5DE700 }
```

Background

The CSS property to change the background color of an element to Decimal 6153984 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5DE700 }
```

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

```
.background{ background-color:#5DE700 }
```

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