

Converting Colors

Decimal(6154869)

Have a look what the booklet for
Decimal(6154869) contains.

Decimal(6154869)	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(6154869)

Conversions

Conversions Part 1

Format	Color
Hex	5DEA75
RGB	93, 234, 117
RGB Percent	36%, 92%, 46%
CMY	0.6353, 0.0824, 0.5412
CMYK	0.60, 0.00, 0.50, 0.08
HSL	130°, 77%, 64%
HSV	130°, 60%, 92%
XYZ	37.1479, 62.4571, 26.9272
YIQ	178.5030, -46.4790, -66.2790

Conversions

Conversions Part 2

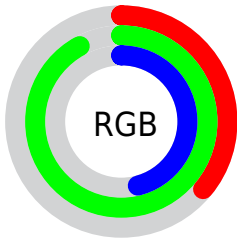
Format	Color
RYB	93, 213, 234
Decimal	6154869
CIELab	83.16, -61.83, 45.42
CIELCh	83, 76.719, 143.698
Yxy	62.4571, 0.2936, 0.4936
Android (android.graphics.Color)	4284344949 (0xFF5DEA75)
YUV	178.5030, -30.3210, -74.9861
Hunter-Lab	79.0298, -54.3984, 35.1195

Details

The Decimal color **6154869** is a dark color, and the websafe version is hex **66FF99**. The color can be described as middle muted spring green. A complement of this color would be **15359442**, and the grayscale version is **11776947**.

A 20% lighter version of the original color is **10223531**, and **45377** is the 20% darker color. If you saturate the color by 10%, you get **4647522**, and if you desaturate by 10%, it is **7662216**.

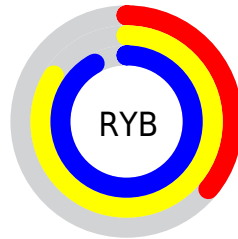
Distribution



Red (36%)

Green (92%)

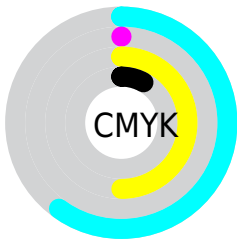
Blue (46%)



Red (36%)

Yellow (84%)

Blue (92%)

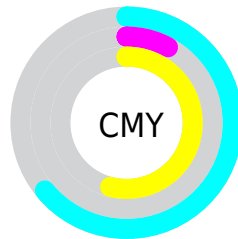


Cyan (60%)

Magenta (0%)

Yellow (50%)

Black (8%)



Cyan (64%)

Magenta (8%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6154869 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 6154869 by changing the saturation by 10% instead.

 6154869

 6154869

16777215

 3853659

 10223531

 45377

 12189639

 38183

 14221284

 31495

 16187391

 24576

 18176

 12288

 4864

 0

■ 6154869

■ 6154869

■ 4647522

■ 7662216

■ 3074638

■ 9235100

■ 1567291

■ 10742447

■ 59944

■ 12315331

■ 13822678

■ 15330026

■ 16771837

■ 16771839

Harmonies

Analogous

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



12442685



6154869



61885

Triad

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



6154869



56575



16748697

Complementary

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



6154869



15359442

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.



16747746



6154869



11846399

Square

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



6154869



60415



16753663



16755291

Rectangle

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



6154869



62191



16753663



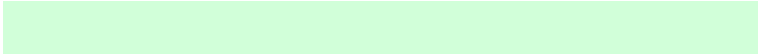
16747441

Sweetspot

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



6154869



13762521



13822557



6520936



0



8421504

Same Dimension

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



6154869



4718439



6154939



6976876



46367



13833

Inverse Universe

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



15359442



16730080



15359372



7694963



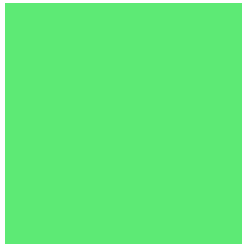
11862166



3538988

Previews

White Background



This preview shows how the Decimal color 6154869 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 6154869 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

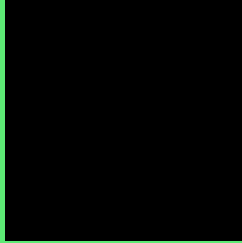
Any Text WCAG AA ✓ Pass

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 6154869 Background



This preview shows how black text looks on a background with the Decimal color 6154869.

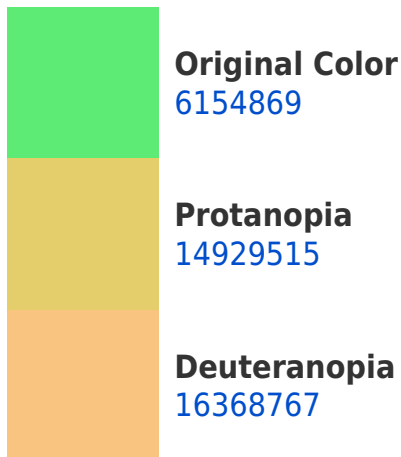


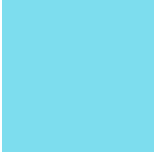
This preview shows how white text looks on a background with the Decimal color 6154869.

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
8248814

Trichromacy



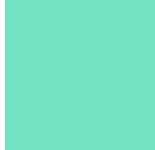
Original Color
6154869



Protanomaly
11720815



Deuteranomaly
12636795



Tritanomaly
7463618

Monochromacy



Original Color
6154869



Achromatopsia
11776947



Achromatomaly
9750428

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6154869 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 #5DEA75 looks like.

```
.text, #text, p{  
  color:#5DEA75  
}
```

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 #5DEA75 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5DEA75
}
```

Border

The CSS property to change the border of an element to Decimal 6154869 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
#5DEA75 }
```

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

```
.border{ border-color:#5DEA75 }
```

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

Here you see how a box with a 4 pixel #5DEA75 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5DEA75; -webkit-box-shadow:4px 4px  
4px 4px #5DEA75; box-shadow:4px 4px 4px  
4px #5DEA75 }
```

Background

The CSS property to change the background color of an element to Decimal 6154869 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5DEA75 }
```

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

```
.background{ background-color:#5DEA75 }
```

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