

Converting Colors

Decimal(6408004)

Have a look what the booklet for
Decimal(6408004) contains.

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Color

Decimal(6408004)

Conversions

Conversions Part 1

Format	Color
Hex	61C744
RGB	97, 199, 68
RGB Percent	38%, 78%, 27%
CMY	0.6196, 0.2196, 0.7333
CMYK	0.51, 0.00, 0.66, 0.22
HSL	107°, 54%, 52%
HSV	107°, 66%, 78%
XYZ	26.3966, 43.8056, 12.5329
YIQ	153.5680, -18.7410, -62.3650

Conversions

Conversions Part 2

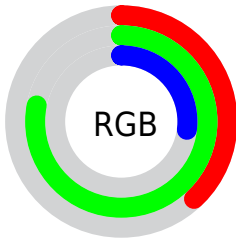
Format	Color
RYB	68, 199, 170
Decimal	6408004
CIELab	72.10, -53.52, 54.61
CIELCh	72, 76.458, 134.424
Yxy	43.8056, 0.3190, 0.5295
Android (android.graphics.Color)	4284598084 (0xFF61C744)
YUV	153.5680, -42.1850, -49.6101
Hunter-Lab	66.1858, -44.6348, 35.1029

Details

The Decimal color **6408004** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark muted chartreuse. A complement of this color would be **11158727**, and the grayscale version is **10132122**.

A 20% lighter version of the original color is **10223482**, and **2002945** is the 20% darker color. If you saturate the color by 10%, you get **5424944**, and if you desaturate by 10%, it is **7391064**.

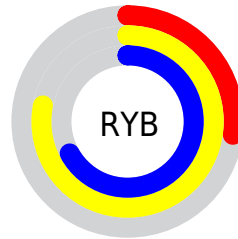
Distribution



Red (38%)

Green (78%)

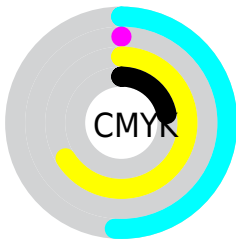
Blue (27%)



Red (27%)

Yellow (78%)

Blue (67%)

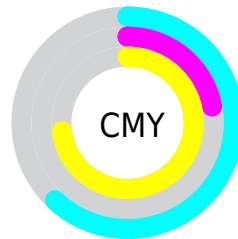


Cyan (51%)

Magenta (0%)

Yellow (66%)

Black (22%)



Cyan (62%)

Magenta (22%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6408004 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 6408004 by changing the saturation by 10% instead.



6408004



6408004

16777215



4369192



10223482



2002945



12189589



30208



14090161



23552



16056269



17152



16777194



11520



3584



0



6408004



6408004

■ 5424944

■ 7391064

■ 4376348

■ 8439660

■ 3393288

■ 9422720

■ 2934528

■ 10471316

■ 11454376

■ 12502971

■ 13486031

■ 14534627

■ 15517687

Harmonies

Analogous

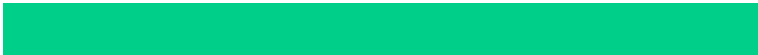
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



11778048



6408004



53129

Triad

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



6408004



50175



16739218

Complementary

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



6408004



11158727

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.



16740824



6408004



6073855

Square

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



6408004



52991



14585599



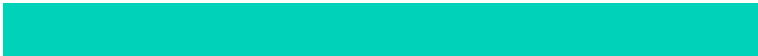
16745041

Rectangle

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



6408004



53689



14585599



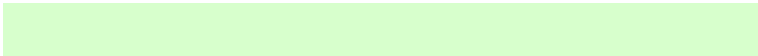
16738729

Sweetspot

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



6408004



14155724



13084740



6848609



0



8421504

Same Dimension

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



6408004



6487862



4507495



6054746



2401024



533504

Inverse Universe

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



11158727



13776639



13059236



6380131



8323235



1835044

Previews

White Background



This preview shows how the Decimal color 6408004 looks on a white background.

Color Contrast Check

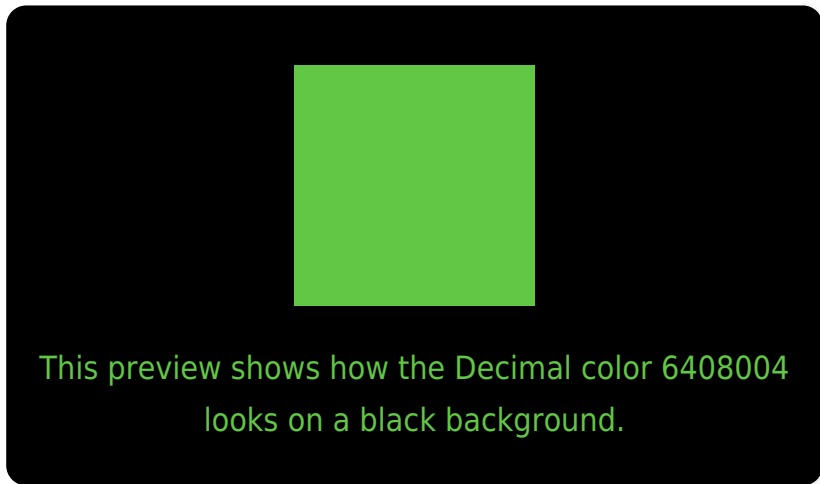
Large Text (above 18pt) WCAG AA × Fail

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 6408004 Background



This preview shows how black text looks on a background with the Decimal color 6408004.

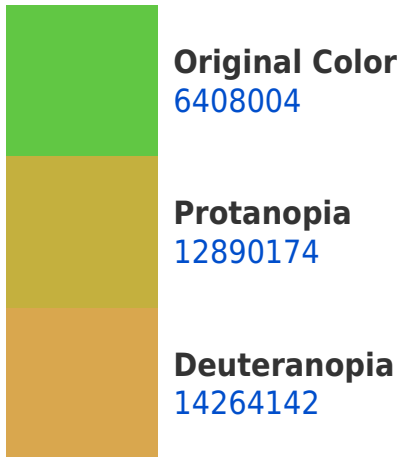


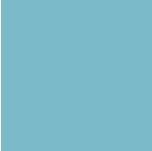
This preview shows how white text looks on a background with the Decimal color 6408004.

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
8043209

Trichromacy



Original Color
6408004



Protanomaly
10532928



Deuteranomaly
11383626



Tritanomaly
7454617

Monochromacy



Original Color
6408004



Achromatopsia
10132122



Achromatomaly
8759931

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6408004 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 #61C744 looks like.

```
.text, #text, p{  
    color:#61C744  
}
```

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 #61C744 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #61C744
}
```

Border

The CSS property to change the border of an element to Decimal 6408004 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
#61C744 }
```

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

```
.border{ border-color:#61C744 }
```

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

Here you see how a box with a 4 pixel #61C744 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #61C744; -webkit-box-shadow:4px 4px  
4px 4px #61C744; box-shadow:4px 4px 4px  
4px #61C744 }
```

Background

The CSS property to change the background color of an element to Decimal 6408004 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#61C744 }
```

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

```
.background{ background-color:#61C744 }
```

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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