

Converting Colors

Decimal(6865163)

Have a look what the booklet for
Decimal(6865163) contains.

Decimal(6865163)	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(6865163)

Conversions

Conversions Part 1

Format	Color
Hex	68C10B
RGB	104, 193, 11
RGB Percent	41%, 76%, 4%
CMY	0.5922, 0.2431, 0.9569
CMYK	0.46, 0.00, 0.94, 0.24
HSL	89°, 89%, 40%
HSV	89°, 94%, 76%
XYZ	24.8393, 41.1071, 6.9419
YIQ	145.6410, 5.3780, -75.4700

Conversions

Conversions Part 2

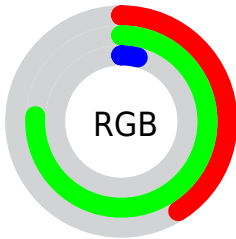
Format	Color
RYB	11, 193, 100
Decimal	6865163
CIELab	70.25, -52.10, 68.81
CIELCh	70, 86.309, 127.131
Yxy	41.1071, 0.3408, 0.5640
Android (android.graphics.Color)	4285055243 (0xFF68C10B)
YUV	145.6410, -66.3780, -36.5192
Hunter-Lab	64.1149, -43.0468, 38.4609

Details

The Decimal color **6865163** is a dark color, and the websafe version is hex **66CC00**. The color can be described as dark washed chartreuse. A complement of this color would be **6556609**, and the grayscale version is **9605778**.

A 20% lighter version of the original color is **10746451**, and **2657024** is the 20% darker color. If you saturate the color by 10%, you get **6537472**, and if you desaturate by 10%, it is **7455006**.

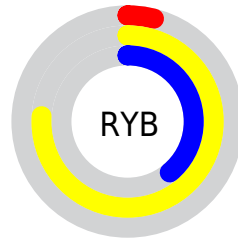
Distribution



Red (41%)

Green (76%)

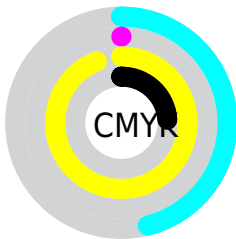
Blue (4%)



Red (4%)

Yellow (76%)

Blue (39%)

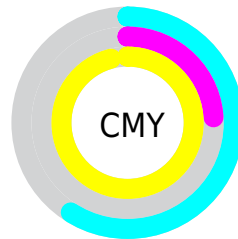


Cyan (46%)

Magenta (0%)

Yellow (94%)

Black (24%)



Cyan (59%)

Magenta (24%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6865163 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 6865163 by changing the saturation by 10% instead.



6865163



6865163

16777215



4891904



10746451



2657024



12648304



28672



14614412



22272



16580520



15872



16777157



10496



16777186



512



0



6865163



6865163

■ 6537472

■ 7455006

■ 8110386

■ 8700229

■ 9355608

■ 9945451

■ 10600831

■ 11190674

■ 11846053

■ 12435897

Harmonies

Analogous

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



12430848



6865163



52075

Triad

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



6865163



50431



16732316

Complementary

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



6865163



6556609

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.



16737514



6865163



45311

Square

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



6865163



52735



12815871



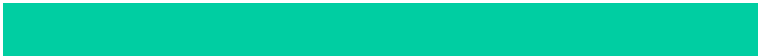
16739153

Rectangle

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



6865163



52898



12815871



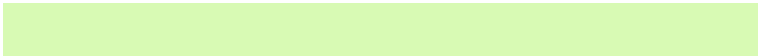
16732855

Sweetspot

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



6865163



14219956



12673803



6847826



16579836



8224125

Same Dimension

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



6865163



8452608



966923



6054231



5415168



1122560

Inverse Universe

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



6556609



7995642



12454849



6051681



5177505



1048609

Previews

White Background



This preview shows how the Decimal color 6865163 looks on a white background.

Color Contrast Check

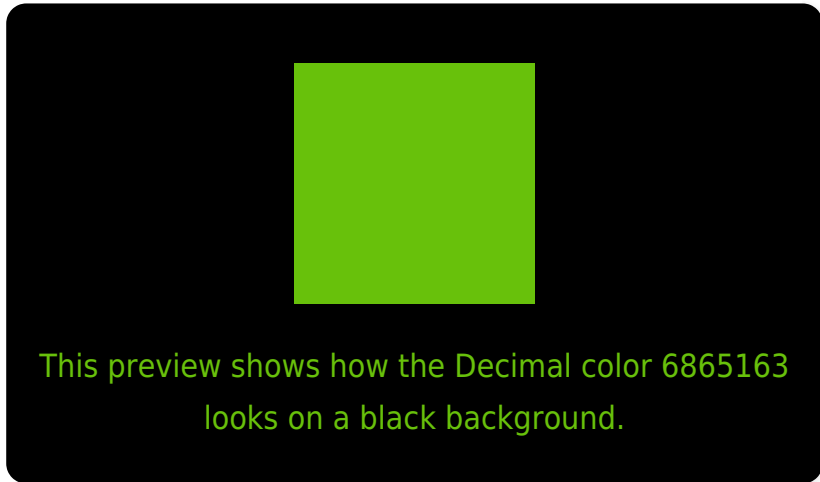
Large Text (above 18pt) WCAG AA × Fail

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 6865163 Background



This preview shows how black text looks on a background with the Decimal color 6865163.



This preview shows how white text looks on a background with the Decimal color 6865163.

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
8434626

Trichromacy



Original Color
6865163



Protanomaly
10597124



Deuteranomaly
11513117



Tritanomaly
7846015

Monochromacy



Original Color
6865163



Achromatopsia
9605778



Achromatomaly
8627041

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6865163 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 #68C10B looks like.

```
.text, #text, p{  
    color:#68C10B  
}
```

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 #68C10B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68C10B
}
```

Border

The CSS property to change the border of an element to Decimal 6865163 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
#68C10B }
```

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

```
.border{ border-color:#68C10B }
```

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

Here you see how a box with a 4 pixel #68C10B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68C10B; -webkit-box-shadow:4px 4px  
4px 4px #68C10B; box-shadow:4px 4px 4px  
4px #68C10B }
```

Background

The CSS property to change the background color of an element to Hexadecimal #68C10B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68C10B }
```

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

```
.background{ background-color:#68C10B }
```

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