

Converting Colors

Decimal(6740823)

Have a look what the booklet for
Decimal(6740823) contains.

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Color

Decimal(6740823)

Conversions

Conversions Part 1

Format	Color
Hex	66DB57
RGB	102, 219, 87
RGB Percent	40%, 86%, 34%
CMY	0.6000, 0.1412, 0.6588
CMYK	0.53, 0.00, 0.60, 0.14
HSL	113°, 65%, 60%
HSV	113°, 60%, 86%
XYZ	32.5313, 54.1759, 17.7592
YIQ	168.9690, -27.3600, -65.8560

Conversions

Conversions Part 2

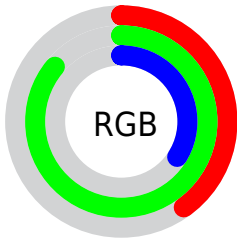
Format	Color
RYB	87, 219, 204
Decimal	6740823
CIELab	78.56, -57.85, 53.77
CIELCh	79, 78.981, 137.097
Yxy	54.1759, 0.3114, 0.5186
Android (android.graphics.Color)	4284930903 (0xFF66DB57)
YUV	168.9690, -40.4107, -58.7318
Hunter-Lab	73.6043, -49.9149, 37.2175

Details

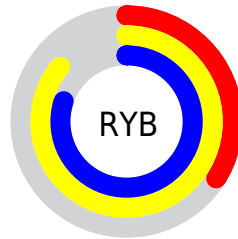
The Decimal color **6740823** is a dark color, and the websafe version is hex **66CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **13391835**, and the grayscale version is **11119017**.

A 20% lighter version of the original color is **10682253**, and **2138911** is the 20% darker color. If you saturate the color by 10%, you get **5495617**, and if you desaturate by 10%, it is **7986029**.

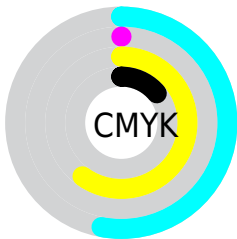
Distribution



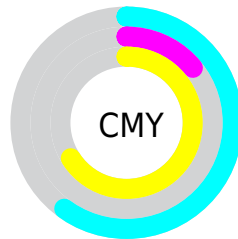
- Red (40%)
- Green (86%)
- Blue (34%)



- Red (34%)
- Yellow (86%)
- Blue (80%)



- Cyan (53%)
- Magenta (0%)
- Yellow (60%)
- Black (14%)



- Cyan (60%)
- Magenta (14%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6740823 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 6740823 by changing the saturation by 10% instead.

 6740823

 6740823

16777215

 4636476

 10682253

 2138911

 12582825

 34816

 14548933

 28160

 16515041

 21504

 15104

 9216

 0

 6740823

 6740823

■ 5495617

■ 7986029

■ 4184875

■ 9296771

■ 2939669

■ 10541977

■ 1694464

■ 11852719

■ 13097924

■ 14343130

■ 15653872

■ 16767999

Harmonies

Analogous

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



12569626



6740823



58271

Triad

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



6740823



54527



16743580

Complementary

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



6740823



13391835

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.



16744421



6740823



8436991

Square

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



6740823



57855



16489727



16749912

Rectangle

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



6740823



58834



16489727



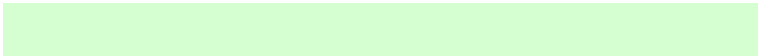
16742836

Sweetspot

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



6740823



14090193



14404695



6783075



0



8421504

Same Dimension

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



6740823



6094663



5757834



6581859



1355008



339456

Inverse Universe

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



13391835



15353855



14374824



7103342



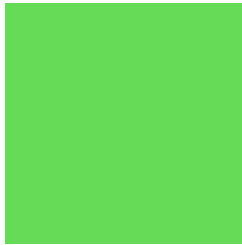
10092717



2687022

Previews

White Background



This preview shows how the Decimal color 6740823 looks on a white background.

Color Contrast Check

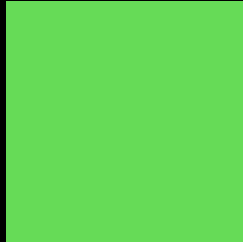
Large Text (above 18pt) WCAG AA × Fail

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 6740823 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

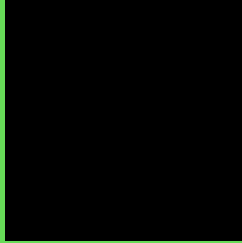
Any Text WCAG AA ✓ Pass

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 6740823 Background



This preview shows how black text looks on a background with the Decimal color 6740823.



This preview shows how white text looks on a background with the Decimal color 6740823.

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





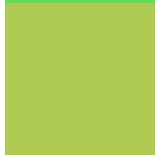
Tritanopia
8572382

Trichromacy



Original Color

6740823



Protanomaly

11455058



Deuteranomaly

12371293



Tritanomaly

7918253

Monochromacy



Original Color

6740823



Achromatopsia

11119017



Achromatomaly

9550731

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6740823 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 #66DB57 looks like.

```
.text, #text, p{  
    color:#66DB57  
}
```

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 #66DB57 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66DB57  
}
```

Border

The CSS property to change the border of an element to Decimal 6740823 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  
#66DB57 }
```

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

```
.border{ border-color:#66DB57 }
```

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

Here you see how a box with a 4 pixel #66DB57 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66DB57; -webkit-box-shadow:4px 4px  
4px 4px #66DB57; box-shadow:4px 4px 4px  
4px #66DB57 }
```

Background

The CSS property to change the background color of an element to Decimal 6740823 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66DB57 }
```

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

```
.background{ background-color:#66DB57 }
```

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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