

Converting Colors

Decimal(6542685)

Have a look what the booklet for
Decimal(6542685) contains.

Decimal(6542685)	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(6542685)

Conversions

Conversions Part 1

Format	Color
Hex	63D55D
RGB	99, 213, 93
RGB Percent	39%, 84%, 36%
CMY	0.6118, 0.1647, 0.6353
CMYK	0.54, 0.00, 0.56, 0.16
HSL	117°, 59%, 60%
HSV	117°, 56%, 84%
XYZ	30.9156, 51.0315, 18.5766
YIQ	165.2340, -29.4240, -61.4880

Conversions

Conversions Part 2

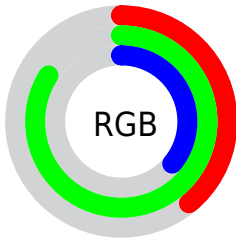
Format	Color
RYB	93, 213, 207
Decimal	6542685
CIELab	76.70, -55.70, 48.90
CIELCh	77, 74.118, 138.720
Yxy	51.0315, 0.3075, 0.5077
Android (android.graphics.Color)	4284732765 (0xFF63D55D)
YUV	165.2340, -35.6114, -58.0872
Hunter-Lab	71.4363, -47.7638, 34.5874

Details

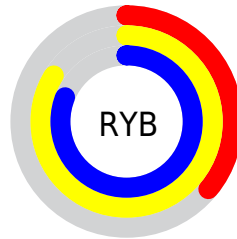
The Decimal color **6542685** is a dark color, and the websafe version is hex **66CC66**. The color can be described as middle muted chartreuse. A complement of this color would be **13589973**, and the grayscale version is **10921638**.

A 20% lighter version of the original color is **10420114**, and **2006312** is the 20% darker color. If you saturate the color by 10%, you get **5231944**, and if you desaturate by 10%, it is **7853426**.

Distribution



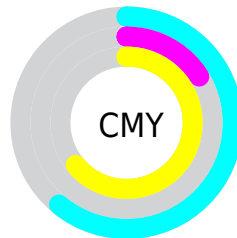
- Red (39%)
- Green (84%)
- Blue (36%)



- Red (36%)
- Yellow (84%)
- Blue (81%)



- Cyan (54%)
- Magenta (0%)
- Yellow (56%)
- Black (16%)



- Cyan (61%)
- Magenta (16%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6542685 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 6542685 by changing the saturation by 10% instead.



6542685



6542685

16777215



4503875



10420114



2006312



12320686



33286



14286794



26624



16252903



20224



14080



7936



0



6542685



6542685

■ 5231944

■ 7853426

■ 3921202

■ 9164168

■ 2544925

■ 10540445

■ 1234184

■ 11851186

■ 775424

■ 13161928

■ 14472669

■ 15848946

■ 16766463

Harmonies

Analogous

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



12044073



6542685



56480

Triad

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



6542685



52735



16744085

Complementary

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



6542685



13589973

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.



16744410



6542685



9156351

Square

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



6542685



55807



16161023



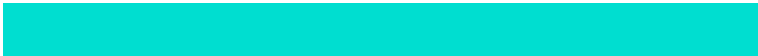
16749912

Rectangle

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



6542685



57040



16161023



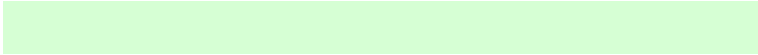
16743340

Sweetspot

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



6542685



14090196



14012253



6783078



0



8421504

Same Dimension

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



6542685



5963602



6149523



6384480



633600



142080

Inverse Universe

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



13589973



16143103



13983135



7037035



10617003



2687019

Previews

White Background



This preview shows how the Decimal color 6542685 looks on a white background.

Color Contrast Check

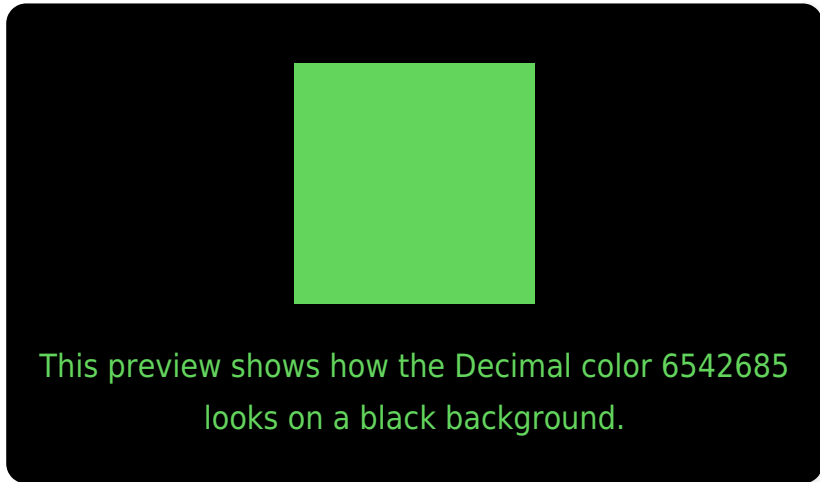
Large Text (above 18pt) WCAG AA × Fail

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

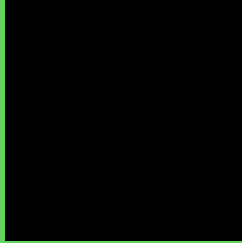
Any Text WCAG AA ✓ Pass

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 6542685 Background



This preview shows how black text looks on a background with the Decimal color 6542685.

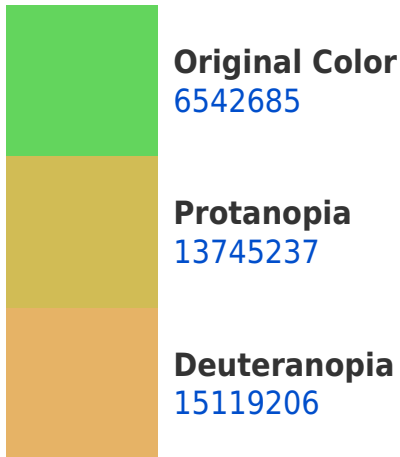


This preview shows how white text looks on a background with the Decimal color 6542685.

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
8308952

Trichromacy



Original Color
6542685



Protanomaly
11126104



Deuteranomaly
11976547



Tritanomaly
7654827

Monochromacy



Original Color
6542685



Achromatopsia
10855845



Achromatomaly
9287307

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6542685 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 #63D55D looks like.

```
.text, #text, p{  
    color:#63D55D  
}
```

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 #63D55D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63D55D
}
```

Border

The CSS property to change the border of an element to Decimal 6542685 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
#63D55D }
```

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

```
.border{ border-color:#63D55D }
```

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

Here you see how a box with a 4 pixel #63D55D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63D55D; -webkit-box-shadow:4px 4px  
4px 4px #63D55D; box-shadow:4px 4px 4px  
4px #63D55D }
```

Background

The CSS property to change the background color of an element to Decimal 6542685 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63D55D }
```

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

```
.background{ background-color:#63D55D }
```

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