

Converting Colors

Decimal(542699)

Have a look what the booklet for
Decimal(542699) contains.

Decimal(542699)	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(542699)

Conversions

Conversions Part 1

Format	Color
Hex	0847EB
RGB	8, 71, 235
RGB Percent	3%, 28%, 92%
CMY	0.9686, 0.7216, 0.0784
CMYK	0.97, 0.70, 0.00, 0.08
HSL	223°, 93%, 48%
HSV	223°, 97%, 92%
XYZ	17.3488, 10.5563, 79.7204
YIQ	70.8590, -90.1920, 37.6480

Conversions

Conversions Part 2

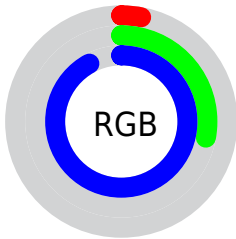
Format	Color
RYB	8, 57, 235
Decimal	542699
CIELab	38.82, 47.32, -85.74
CIElCh	39, 97.930, 298.896
Yxy	10.5563, 0.1612, 0.0981
Android (android.graphics.Color)	4278732779 (0xFF0847EB)
YUV	70.8590, 80.9215, -55.1273
Hunter-Lab	32.4904, 38.4548, -122.7343

Details

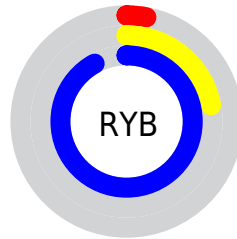
The Decimal color **542699** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **15445000**, and the grayscale version is **4605510**.

A 20% lighter version of the original color is **7371007**, and **7346** is the 20% darker color. If you saturate the color by 10%, you get **16875**, and if you desaturate by 10%, it is **2119915**.

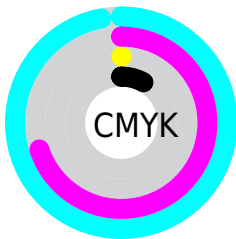
Distribution



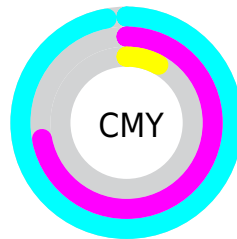
- Red (3%)
- Green (28%)
- Blue (92%)



- Red (3%)
- Yellow (22%)
- Blue (92%)



- Cyan (97%)
- Magenta (70%)
- Yellow (0%)
- Black (8%)

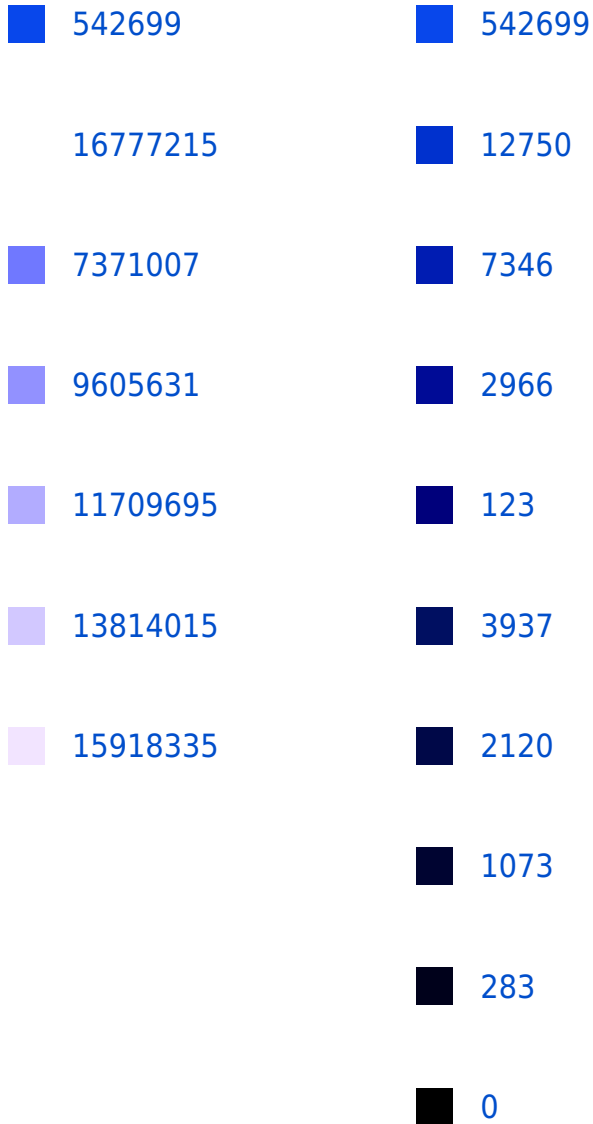


- Cyan (97%)
- Magenta (72%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 542699 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 542699 by changing the saturation by 10% instead.



■ 542699

■ 542699

■ 16875

■ 2119915

■ 3631595

■ 5208811

■ 6720491

■ 8297707

■ 9809387

■ 11321067

■ 12898283

■ 14475499

Harmonies

Analogous

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



27391



542699



11600048

Triad

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



542699



11348736



30550

Complementary

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



542699



15445000

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.



29440



542699



7559168

Square

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



542699



13828117



879360



30888

Rectangle

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



542699



13762685



879360



30266

Sweetspot

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



542699



11913983



584619



5463936



0



8421504

Same Dimension

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



542699



18431



3737835



6974837



12981



3894

Inverse Universe

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



15403079



16711751



12249864



7694957



11862066



3538959

Previews

White Background



This preview shows how the Decimal color 542699 looks on a white background.

Color Contrast Check

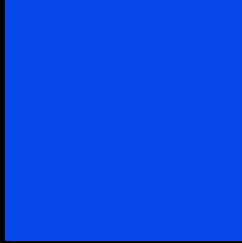
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Decimal color 542699 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

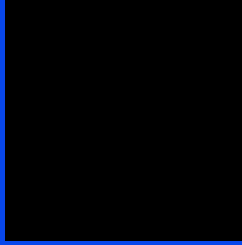
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Decimal 542699 Background



This preview shows how black text looks on a background with the Decimal color 542699.

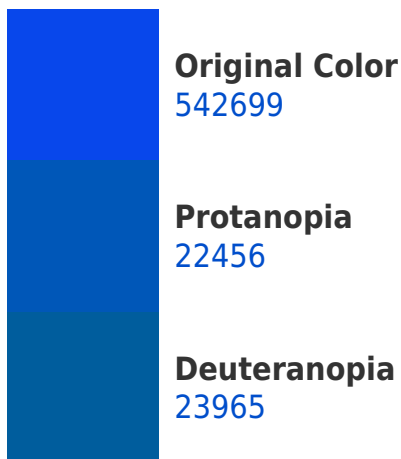


This preview shows how white text looks on a background with the Decimal color 542699.

Color Blindness Simulation

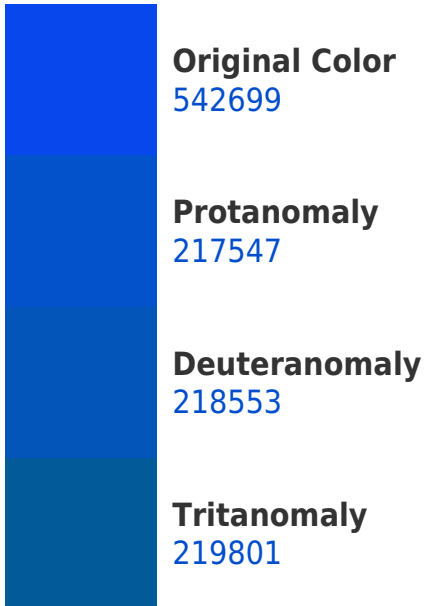
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 542699 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 #0847EB looks like.

```
.text, #text, p{  
    color:#0847EB  
}
```

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 #0847EB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0847EB
}
```

Border

The CSS property to change the border of an element to Decimal 542699 is called "border". The border property can be set on classes, ids or directly on the HTML element.

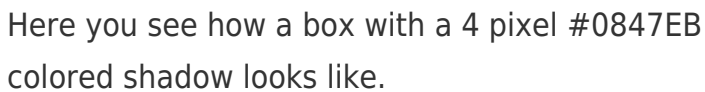
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0847EB }
```

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

```
.border{ border-color:#0847EB }
```

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



Here you see how a box with a 4 pixel #0847EB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0847EB; -webkit-box-shadow:4px 4px  
4px 4px #0847EB; box-shadow:4px 4px 4px  
4px #0847EB }
```

Background

The CSS property to change the background color of an element to Decimal 542699 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0847EB }
```

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

```
.background{ background-color:#0847EB }
```

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