

Converting Colors

Decimal(5832617)

Have a look what the booklet for
Decimal(5832617) contains.

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Color

Decimal(5832617)

Conversions

Conversions Part 1

Format	Color
Hex	58FFA9
RGB	88, 255, 169
RGB Percent	35%, 100%, 66%
CMY	0.6549, 0.0000, 0.3373
CMYK	0.65, 0.00, 0.34, 0.00
HSL	149°, 100%, 67%
HSV	149°, 65%, 100%
XYZ	46.9459, 76.4593, 49.8199
YIQ	195.2630, -71.9260, -62.1500

Conversions

Conversions Part 2

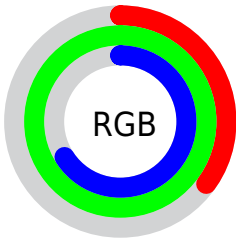
Format	Color
RYB	88, 200, 255
Decimal	5832617
CIELab	90.07, -61.97, 28.77
CIELCh	90, 68.323, 155.098
Yxy	76.4593, 0.2710, 0.4414
Android (android.graphics.Color)	4284022697 (0xFF58FFA9)
YUV	195.2630, -12.9477, -94.0697
Hunter-Lab	87.4410, -57.1874, 27.4279

Details

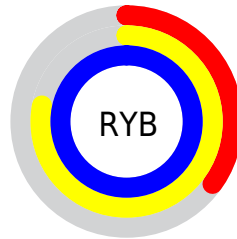
The Decimal color **5832617** is a light color, and the websafe version is hex **66FF99**. The color can be described as light muted spring green. A complement of this color would be **16734382**, and the grayscale version is **12829635**.

A 20% lighter version of the original color is **10158049**, and **50548** is the 20% darker color. If you saturate the color by 10%, you get **4194204**, and if you desaturate by 10%, it is **7536566**.

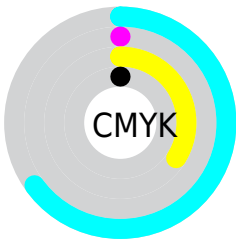
Distribution



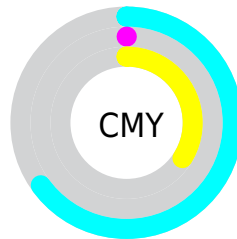
- Red (35%)
- Green (100%)
- Blue (66%)



- Red (35%)
- Yellow (78%)
- Blue (100%)



- Cyan (65%)
- Magenta (0%)
- Yellow (34%)
- Black (0%)



- Cyan (65%)
- Magenta (0%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5832617 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 5832617 by changing the saturation by 10% instead.

5832617

5832617

16777215

3138190

10158049

50548

12189693

43355

14221311

36419

16252927

29483

22804

16384

10240

0

■ 5832617

■ 5832617

■ 4194204

■ 7536566

■ 2490255

■ 9174979

■ 851842

■ 10878928

■ 65404

■ 12517342

■ 14221291

■ 15859704

16777215

Harmonies

Analogous

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



12186738



5832617



65516

Triad

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



5832617



8185599



16757915

Complementary

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



5832617



16734382

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.



16755162



5832617



16109055

Square

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



5832617



63743



16758015



16763755

Rectangle

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



5832617



65535



16758015



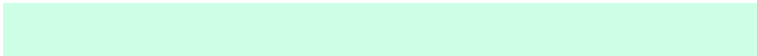
16756399

Sweetspot

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



5832617



13434853



11468632



6389872



0



8421504

Same Dimension

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



5832617



3604375



5832700



7569529



48989



16415

Inverse Universe

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



16734382



16725661



16734299



8418169



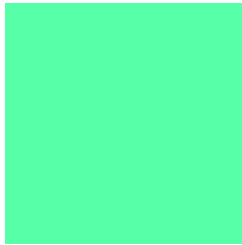
12517474



4194337

Previews

White Background



This preview shows how the Decimal color 5832617 looks on a white background.

Color Contrast Check

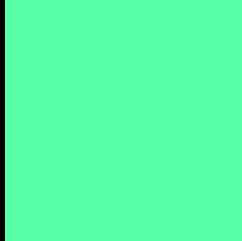
Large Text (above 18pt) WCAG AA × Fail

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 5832617 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

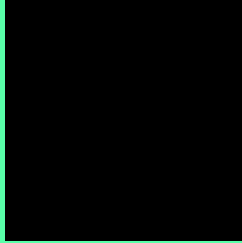
Any Text WCAG AA ✓ Pass

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 5832617 Background



This preview shows how black text looks on a background with the Decimal color 5832617.

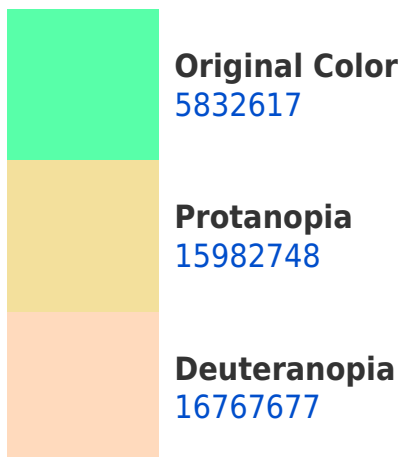


This preview shows how white text looks on a background with the Decimal color 5832617.

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
10022911

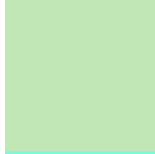
Trichromacy



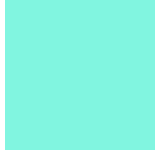
Original Color
5832617



Protanomaly
12315553



Deuteranomaly
12773302

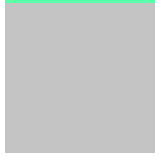


Tritanomaly
8517088

Monochromacy



Original Color
5832617



Achromatopsia
12829635



Achromatomaly
10279354

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5832617 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 #58FFA9 looks like.

```
.text, #text, p{  
    color:#58FFA9  
}
```

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 #58FFA9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #58FFA9
}
```

Border

The CSS property to change the border of an element to Decimal 5832617 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
#58FFA9 }
```

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

```
.border{ border-color:#58FFA9 }
```

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

Here you see how a box with a 4 pixel #58FFA9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #58FFA9; -webkit-box-shadow:4px 4px  
4px 4px #58FFA9; box-shadow:4px 4px 4px  
4px #58FFA9 }
```

Background

The CSS property to change the background color of an element to Decimal 5832617 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#58FFA9 }
```

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

```
.background{ background-color:#58FFA9 }
```

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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