

Converting Colors

Decimal(5827328)

Have a look what the booklet for
Decimal(5827328) contains.

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Color

Decimal(5827328)

Conversions

Conversions Part 1

Format	Color
Hex	58EB00
RGB	88, 235, 0
RGB Percent	35%, 92%, 0%
CMY	0.6549, 0.0784, 1.0000
CMYK	0.63, 0.00, 1.00, 0.08
HSL	98°, 100%, 46%
HSV	98°, 100%, 92%
XYZ	33.7328, 61.4914, 10.0911
YIQ	164.2570, -12.1770, -104.2490

Conversions

Conversions Part 2

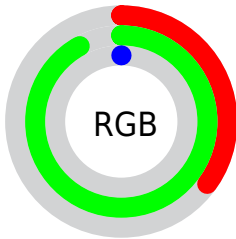
Format	Color
RYB	0, 235, 147
Decimal	5827328
CIELab	82.64, -71.18, 79.56
CIELCh	83, 106.756, 131.816
Yxy	61.4914, 0.3203, 0.5839
Android (android.graphics.Color)	4284017408 (0xFF58EB00)
YUV	164.2570, -80.9787, -66.8774
Hunter-Lab	78.4164, -60.4424, 47.2617

Details

The Decimal color **5827328** is a dark color, and the websafe version is hex **66FF33**. The color can be described as dark washed green. A complement of this color would be **9634027**, and the grayscale version is **10855845**.

A 20% lighter version of the original color is **10157913**, and **45568** is the 20% darker color. If you saturate the color by 10%, you get **5827328**, and if you desaturate by 10%, it is **6810391**.

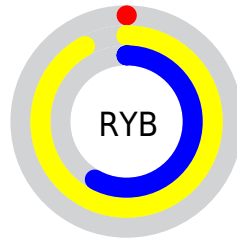
Distribution



 Red (35%)

 Green (92%)

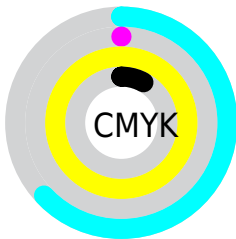
 Blue (0%)




 Red (0%)

 Yellow (92%)

 Blue (58%)

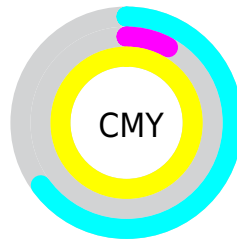



 Cyan (63%)

 Magenta (0%)

 Yellow (100%)

 Black (8%)



 Cyan (65%)



















 Magenta (8%)

 Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5827328 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 5827328 by changing the saturation by 10% instead.

 5827328	 5827328
 16777215	 3132928
 10157913	 45568
 12255095	 38400
 14286740	 31488
 16383922	 24832
 16777167	 18176
 16777197	 12032
	 4352
	 0

 5827328

 6810391

 7727919

 8710983

 9694046

 10677110

 11594637

 12577700

 13560764

 14478291

Harmonies

Analogous

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



13882880



5827328



63115

Triad

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



5827328



60159



16731819

Complementary

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



5827328



9634027

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.



16737279



5827328



52735

Square

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



5827328



63487



16752383



16744266

Rectangle

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



5827328



63953



16752383



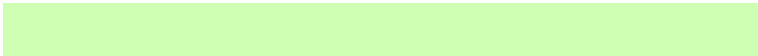
16731084

Sweetspot

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



5827328



13631411



15438080



6520914



0



8421504

Same Dimension

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



5827328



6291200



60187



7239018



4502784



1324544

Inverse Universe

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



9634027



10486015



15401168



7432821



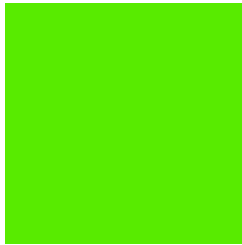
7405749



2162742

Previews

White Background



This preview shows how the Decimal color 5827328 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 5827328 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 5827328 Background



This preview shows how black text looks on a background with the Decimal color 5827328.

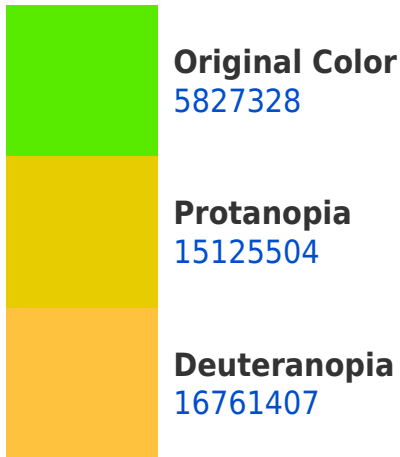



This preview shows how white text looks on a background with the Decimal color 5827328.

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](#).

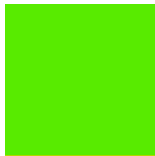
Dichromacy





Tritanopia
8444652

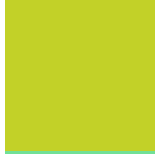
Trichromacy



Original Color
5827328



Protanomaly
11720448



Deuteranomaly
12767528



Tritanomaly
7463062

Monochromacy



Original Color
5827328



Achromatopsia
10790052



Achromatomaly
8961640

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5827328 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 #58EB00 looks like.

```
.text, #text, p{  
    color:#58EB00  
}
```

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 #58EB00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #58EB00
}
```

Border

The CSS property to change the border of an element to Decimal 5827328 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
#58EB00 }
```

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

```
.border{ border-color:#58EB00 }
```

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

Here you see how a box with a 4 pixel #58EB00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #58EB00; -webkit-box-shadow:4px 4px  
4px 4px #58EB00; box-shadow:4px 4px 4px  
4px #58EB00 }
```

Background

The CSS property to change the background color of an element to Decimal 5827328 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#58EB00 }
```

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

```
.background{ background-color:#58EB00 }
```

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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