

Converting Colors

Decimal(58124)

Have a look what the booklet for
Decimal(58124) contains.

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Color

Decimal(58124)

Conversions

Conversions Part 1

Format	Color
Hex	00E30C
RGB	0, 227, 12
RGB Percent	0%, 89%, 5%
CMY	1.0000, 0.1098, 0.9529
CMYK	1.00, 0.00, 0.95, 0.11
HSL	123°, 100%, 45%
HSV	123°, 100%, 89%
XYZ	27.5354, 54.9647, 9.5058
YIQ	134.6170, -66.2770, -114.9890

Conversions

Conversions Part 2

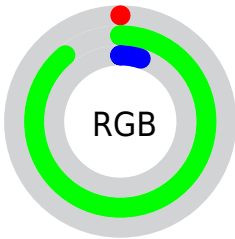
Format	Color
RYB	0, 216, 227
Decimal	58124
CIELab	79.02, -78.73, 75.11
CIELCh	79, 108.809, 136.350
Yxy	54.9647, 0.2993, 0.5974
Android (android.graphics.Color)	4278248204 (0xFF00E30C)
YUV	134.6170, -60.4502, -118.0591
Hunter-Lab	74.1382, -63.4457, 44.2947

Details

The Decimal color **58124** is a dark color, and the websafe version is hex **33FF33**. The color can be described as dark washed green. A complement of this color would be **14876887**, and the grayscale version is **8882055**.

A 20% lighter version of the original color is **7405401**, and **43520** is the 20% darker color. If you saturate the color by 10%, you get **58124**, and if you desaturate by 10%, it is **1565473**.

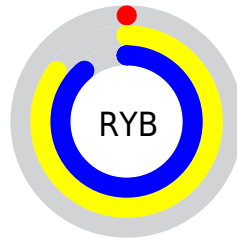
Distribution



Red (0%)

Green (89%)

Blue (5%)



Red (0%)

Yellow (85%)

Blue (89%)

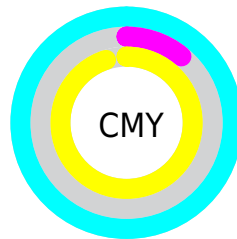


Cyan (100%)

Magenta (0%)

Yellow (95%)

Black (11%)



Cyan (100%)

Magenta (11%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 58124 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 58124 by changing the saturation by 10% instead.

 58124	 58124
 16777215	 50688
 7405401	 43520
 9633655	 36352
 11796372	 29440
 13893553	 22528
 15990735	 16384
 16777196	 9472
	 0

 58124

 1565473

 3007287

 4514637

 6021986

 7529335

 8971149

 10478499

 11985848

 13427662

Harmonies

Analogous

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



12111872



58124



60560

Triad

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



58124



56831



16726930

Complementary

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



58124



14876887

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.



16729846



58124



48639

Square

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



58124



60671



16747007



16742956

Rectangle

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



58124



61399



16747007



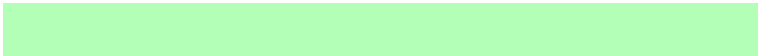
16723891

Sweetspot

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



58124



11796407



14213888



5406804



0



8421504

Same Dimension

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



58124



65293



58237



6779752



45833



13059

Inverse Universe

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



14876887



16711922



14876774



7563122



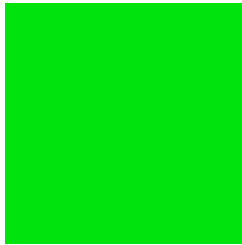
11731113



3342384

Previews

White Background



This preview shows how the Decimal color 58124 looks on a white background.

Color Contrast Check

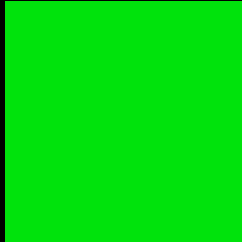
Large Text (above 18pt) WCAG AA × Fail

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 58124 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

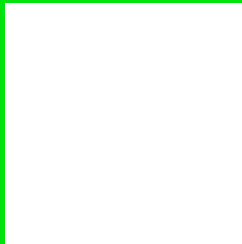
Any Text WCAG AAA ✓ Pass

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

Decimal 58124 Background



This preview shows how black text looks on a background with the Decimal color 58124.



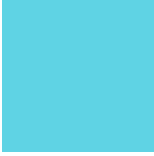
This preview shows how white text looks on a background with the Decimal color 58124.

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](#).

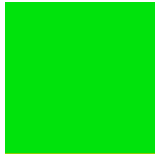
Dichromacy





Tritanopia
6280164

Trichromacy



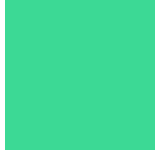
Original Color
58124



Protanomaly
9162244

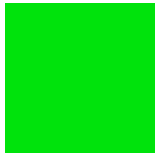


Deuteranomaly
10209316



Tritanomaly
3987861

Monochromacy



Original Color
58124



Achromatopsia
8882055



Achromatomaly
5679194

CSS Examples

Text

The CSS property to change the color of the text to Decimal 58124 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 #00E30C looks like.

```
.text, #text, p{  
    color:#00E30C  
}
```

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 #00E30C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00E30C
}
```

Border

The CSS property to change the border of an element to Decimal 58124 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".

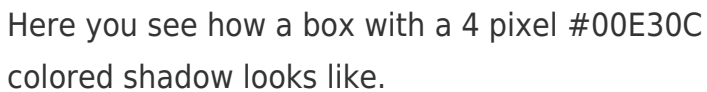
```
.border, #border, table{ border:4px solid
#00E30C }
```

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

```
.border{ border-color:#00E30C }
```

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

Here you see how a box with a 4 pixel #00E30C colored shadow looks like.

A rectangular box with a thick green border and a green shadow. The box is white with a green border and a green shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00E30C; -webkit-box-shadow:4px 4px  
4px 4px #00E30C; box-shadow:4px 4px 4px  
4px #00E30C }
```

Background

The CSS property to change the background color of an element to Decimal 58124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00E30C }
```

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

```
.background{ background-color:#00E30C }
```

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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