

Converting Colors

Hex(54EC2D)

Have a look what the booklet for
Hex(54EC2D) contains.

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Color

Hex(54EC2D)

Conversions

Conversions Part 1

Format	Color
Hex	54EC2D
RGB	84, 236, 45
RGB Percent	33%, 93%, 18%
CMY	0.6706, 0.0745, 0.8235
CMYK	0.64, 0.00, 0.81, 0.07
HSL	108°, 83%, 55%
HSV	108°, 81%, 93%
XYZ	34.1253, 62.0652, 12.6638
YIQ	168.7780, -29.2810, -91.6250

Conversions

Conversions Part 2

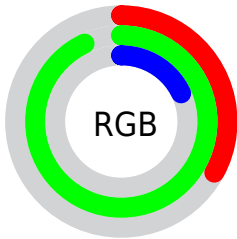
Format	Color
RYB	45, 236, 197
Decimal	5565485
CIELab	82.95, -71.13, 72.97
CIELCh	83, 101.905, 134.266
Yxy	62.0652, 0.3135, 0.5702
Android (android.graphics.Color)	4283755565 (0xFF54EC2D)
YUV	168.7780, -61.0226, -74.3503
Hunter-Lab	78.7815, -60.5478, 45.6164

Details

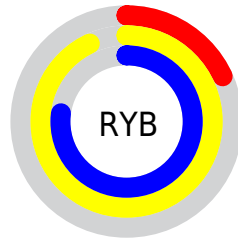
The Hex color **54EC2D** is a dark color, and the websafe version is hex **66FF33**. The color can be described as dark washed green. A complement of this color would be **C52DEC**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **97FF6B**, and **00B300** is the 20% darker color. If you saturate the color by 10%, you get **41EC15**, and if you desaturate by 10%, it is **67EC45**.

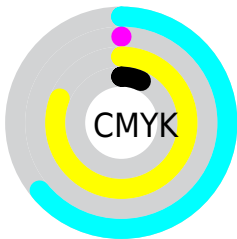
Distribution



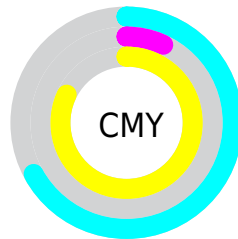
- Red (33%)
- Green (93%)
- Blue (18%)



- Red (18%)
- Yellow (93%)
- Blue (77%)



- Cyan (64%)
- Magenta (0%)
- Yellow (81%)
- Black (7%)



- Cyan (67%)
- Magenta (7%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 54EC2D 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 Hex color 54EC2D by changing the saturation by 10% instead.

 54EC2D

 54EC2D

FFFFFF

 29CF00

 97FF6B

 00B300

 B6FF88

 009700

 D5FFA5

 007C00

 F4FFC2

 006100

 FFFFEO

 004800

FFFFFFE

 003000

 001200

 000000

 54EC2D

 54EC2D

 41EC15

 67EC45

 30EC00

 7AEC5C

 8CEC74

 9FEC8B

 B2ECA3

 C5ECBB

 D7ECD2

 EAECEA

 FDECFE

Harmonies

Analogous

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



CED800



54EC2D



00F697

Triad

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



54EC2D



00E8FF



FF5FA5

Complementary

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



54EC2D



C52DEC

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.



FF6AFF



54EC2D



00CBFF

Square

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



54EC2D



00F6FF



FF9DFF



FF894A

Rectangle

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



54EC2D



00F9DA



FF9DFF



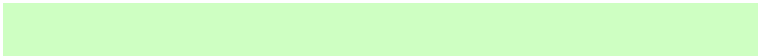
FF5BC5

Sweetspot

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



54EC2D



CEFFC2



ECC32D



62805B



000000



808080

Same Dimension

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



54EC2D



3AFF08



2DEC63



6C756A



25B500



0B3600

Inverse Universe

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



C52DEC



CC08FF



EC2DB6



736A75



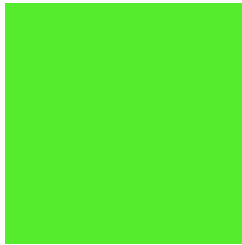
9000B5



2B0036

Previews

White Background



This preview shows how the Hex color 54EC2D 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 Hex color 54EC2D 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](#).

Hex 54EC2D Background



This preview shows how black text looks on a background with the Hex color 54EC2D.

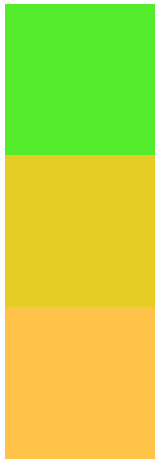


This preview shows how white text looks on a background with the Hex color 54EC2D.

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](#).

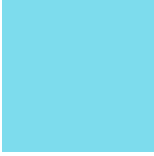
Dichromacy



Original Color
54EC2D

Protanopia
E6CD25

Deuteranopia
FFC34A



Tritanopia
7DDCED

Trichromacy



Original Color
54EC2D



Protanomaly
B1D828

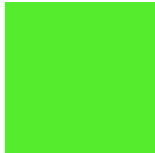


Deuteranomaly
C1D23F



Tritanomaly
6EE2A7

Monochromacy



Original Color
54EC2D



Achromatopsia
A9A9A9



Achromatomaly
8AC17C

CSS Examples

Text

The CSS property to change the color of the text to Hex 54EC2D 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 #54EC2D looks like.

```
.text, #text, p{  
    color:#54EC2D  
}
```

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 #54EC2D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #54EC2D
}
```

Border

The CSS property to change the border of an element to Hex 54EC2D 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
#54EC2D }
```

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

```
.border{ border-color:#54EC2D }
```

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

Here you see how a box with a 4 pixel #54EC2D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #54EC2D; -webkit-box-shadow:4px 4px  
4px 4px #54EC2D; box-shadow:4px 4px 4px  
4px #54EC2D }
```

Background

The CSS property to change the background color of an element to Hex 54EC2D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#54EC2D }
```

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

```
.background{ background-color:#54EC2D }
```

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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