

Converting Colors

Decimal(5694045)

Have a look what the booklet for
Decimal(5694045) contains.

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Color

Decimal(5694045)

Conversions

Conversions Part 1

Format	Color
Hex	56E25D
RGB	86, 226, 93
RGB Percent	34%, 89%, 36%
CMY	0.6627, 0.1137, 0.6353
CMYK	0.62, 0.00, 0.59, 0.11
HSL	123°, 71%, 61%
HSV	123°, 62%, 89%
XYZ	33.0099, 57.1615, 19.6494
YIQ	168.9780, -40.7470, -71.0430

Conversions

Conversions Part 2

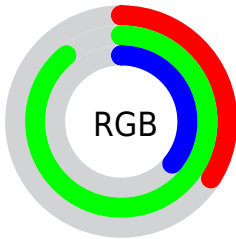
Format	Color
RYB	86, 219, 226
Decimal	5694045
CIELab	80.27, -63.50, 52.96
CIELCh	80, 82.689, 140.171
Yxy	57.1615, 0.3006, 0.5205
Android (android.graphics.Color)	4283884125 (0xFF56E25D)
YUV	168.9780, -37.4572, -72.7717
Hunter-Lab	75.6052, -54.3744, 37.5145

Details

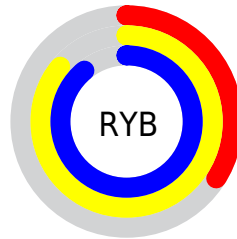
The Decimal color **5694045** is a dark color, and the websafe version is hex **33CC33**. The color can be described as middle muted green. A complement of this color would be **14833371**, and the grayscale version is **11119017**.

A 20% lighter version of the original color is **9830291**, and **43302** is the 20% darker color. If you saturate the color by 10%, you get **4186696**, and if you desaturate by 10%, it is **7201394**.

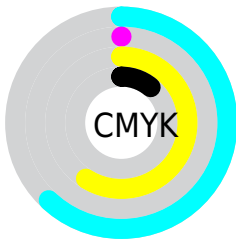
Distribution



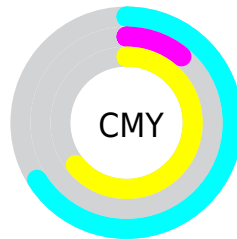
- Red (34%)
- Green (89%)
- Blue (36%)



- Red (34%)
- Yellow (86%)
- Blue (89%)



- Cyan (62%)
- Magenta (0%)
- Yellow (59%)
- Black (11%)



- Cyan (66%)
- Magenta (11%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5694045 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 5694045 by changing the saturation by 10% instead.

■ 5694045

■ 5694045

16777215

■ 3261762

■ 9830291

■ 43302

■ 11796399

■ 36352

■ 13828043

■ 29440

■ 15794152

■ 22784

■ 16384

■ 10496

■ 512

■ 0

■ 5694045

■ 5694045

■ 4186696

■ 7201394

■ 2744882

■ 8643208

■ 1237533

■ 10150557

■ 57867

■ 11592371

■ 13099720

■ 14607070

■ 16048883

■ 16769791

Harmonies

Analogous

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



12309268



5694045



59818

Triad

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



5694045



55551



16743831

Complementary

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



5694045



14833371

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.



16743908



5694045



9616895

Square

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



5694045



59135



16751359



16751185

Rectangle

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



5694045



60384



16751359



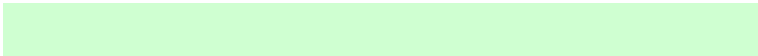
16742832

Sweetspot

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



5694045



13631441



14410326



6455396



0



8421504

Same Dimension

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



5694045



4390732



5694115



6647910



45065



12290

Inverse Universe

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



14833371



16728822



14833301



7366000



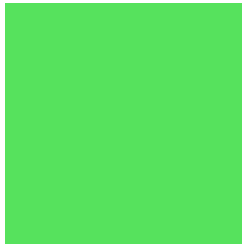
11534503



3145774

Previews

White Background



This preview shows how the Decimal color 5694045 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 5694045 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

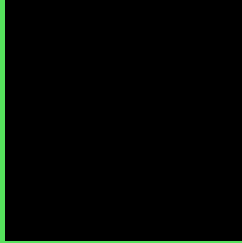
Any Text WCAG AA ✓ Pass

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 5694045 Background



This preview shows how black text looks on a background with the Decimal color 5694045.



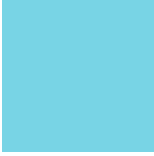
This preview shows how white text looks on a background with the Decimal color 5694045.

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
7918821

Trichromacy



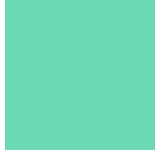
Original Color
5694045



Protanomaly
11259991



Deuteranomaly
12175972

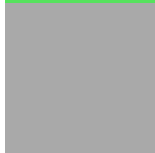


Tritanomaly
7133620

Monochromacy



Original Color
5694045



Achromatopsia
11119017



Achromatomaly
9158285

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5694045 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 #56E25D looks like.

```
.text, #text, p{  
    color:#56E25D  
}
```

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 #56E25D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #56E25D
}
```

Border

The CSS property to change the border of an element to Decimal 5694045 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
#56E25D }
```

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

```
.border{ border-color:#56E25D }
```

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

Here you see how a box with a 4 pixel #56E25D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #56E25D; -webkit-box-shadow:4px 4px  
4px 4px #56E25D; box-shadow:4px 4px 4px  
4px #56E25D }
```

Background

The CSS property to change the background color of an element to Decimal 5694045 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#56E25D }
```

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

```
.background{ background-color:#56E25D }
```

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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