

# Converting Colors

Decimal(5494639)

Have a look what the booklet for  
Decimal(5494639) contains.

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# **Color**

**Decimal(5494639)**

# Conversions

## Conversions Part 1

Format	Color
Hex	53D76F
RGB	83, 215, 111
RGB Percent	33%, 84%, 44%
CMY	0.6745, 0.1569, 0.5647
CMYK	0.61, 0.00, 0.48, 0.16
HSL	133°, 62%, 58%
HSV	133°, 61%, 84%
XYZ	30.7370, 51.5876, 23.3763
YIQ	163.6760, -45.2880, -60.3280

# Conversions

## Conversions Part 2

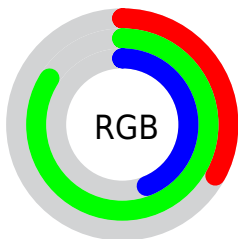
Format	Color
<a href="#">RYB</a>	<a href="#">83, 192, 215</a>
Decimal	<a href="#">5494639</a>
CIELab	<a href="#">77.03, -57.81, 40.65</a>
CIELCh	<a href="#">77, 70.668, 144.889</a>
Yxy	<a href="#">51.5876, 0.2908, 0.4881</a>
Android (android.graphics.Color)	<a href="#">4283684719</a> ( <a href="#">0xFF53D76F</a> )
YUV	<a href="#">163.6760, -25.9693, -70.7529</a>
Hunter-Lab	<a href="#">71.8245, -49.3046, 30.9804</a>

# Details

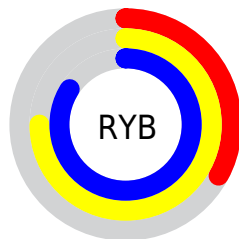
The Decimal color **5494639** is a dark color, and the websafe version is hex **33CC66**. The color can be described as middle muted spring green. A complement of this color would be **14111675**, and the grayscale version is **10790052**.

A 20% lighter version of the original color is **9502628**, and **40764** is the 20% darker color. If you saturate the color by 10%, you get **4118366**, and if you desaturate by 10%, it is **6936448**.

# Distribution



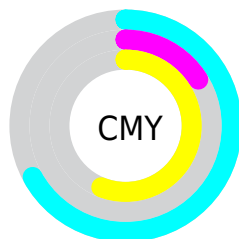
- Red (33%)
- Green (84%)
- Blue (44%)



- Red (33%)
- Yellow (75%)
- Blue (84%)



- Cyan (61%)
- Magenta (0%)
- Yellow (48%)
- Black (16%)



- Cyan (67%)
- Magenta (16%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5494639 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 5494639 by changing the saturation by 10% instead.



■ 5494639

■ 5494639

16777215

■ 3193685

■ 9502628

■ 40764

■ 11468736

■ 33827

■ 13434844

■ 27141

■ 15400953

■ 20480

■ 14336

■ 8192

■ 0

■ 5494639

■ 5494639

■ 4118366

■ 6936448

■ 2676557

■ 8312721

■ 1300284

■ 9754530

■ 55086

■ 11130803

■ 12572612

■ 13948885

■ 15390694

■ 16766967

■ 16766975

# Harmonies

## Analogous

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



11258684



5494639



56752

# Triad

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



5494639



51711



16746123

# Complementary

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



5494639



14111675

# 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.



16745164



5494639



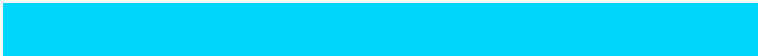
11252479

# Square

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



5494639



55295



16750079



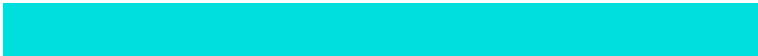
16751955

# Rectangle

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



5494639



57054



16750079



16745120

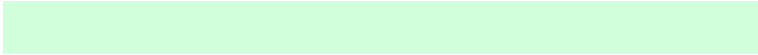


# Sweetspot

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



5494639



13762523



12441427



6520937



0



8421504



# Same Dimension

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



5494639



4390762



5494703



6318947



43812



11017



# Inverse Universe

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



14111675



16728791



14111611



7037033



11206791



2818082



# Previews

## White Background



This preview shows how the Decimal color 5494639 looks on a white background.

## Color Contrast Check

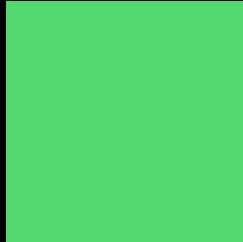
Large Text (above 18pt) WCAG AA × Fail

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 5494639 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

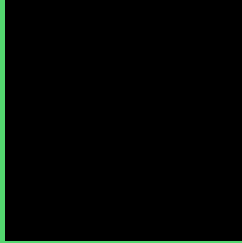
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 5494639 Background



This preview shows how black text looks on a background with the Decimal color 5494639.



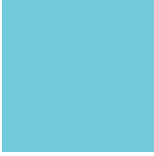
This preview shows how white text looks on a background with the Decimal color 5494639.

# 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





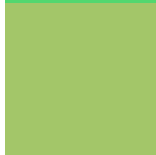
**Tritanopia**  
7457755

# Trichromacy



**Original Color**

5494639



**Protanomaly**

10733161



**Deuteranomaly**

11518325



**Tritanomaly**

6737844

# Monochromacy



**Original Color**

5494639



**Achromatopsia**

10790052



**Achromatomaly**

8894353

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5494639 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 #53D76F looks like.

```
.text, #text, p{  
    color:#53D76F  
}
```

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 #53D76F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #53D76F
}
```

## Border

The CSS property to change the border of an element to Decimal 5494639 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
#53D76F }
```

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

```
.border{ border-color:#53D76F }
```

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

Here you see how a box with a 4 pixel #53D76F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #53D76F; -webkit-box-shadow:4px 4px  
4px 4px #53D76F; box-shadow:4px 4px 4px  
4px #53D76F }
```

# Background

The CSS property to change the background color of an element to Decimal 5494639 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#53D76F }
```

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

```
.background{ background-color:#53D76F }
```

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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