

# Converting Colors

Decimal(4125795)

Have a look what the booklet for  
Decimal(4125795) contains.

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**Color**

**Decimal(4125795)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3EF463
RGB	62, 244, 99
RGB Percent	24%, 96%, 39%
CMY	0.7569, 0.0431, 0.6118
CMYK	0.75, 0.00, 0.59, 0.04
HSL	132°, 89%, 60%
HSV	132°, 75%, 96%
XYZ	36.5894, 66.6264, 22.7361
YIQ	173.0520, -61.9270, -83.6790

# Conversions

## Conversions Part 2

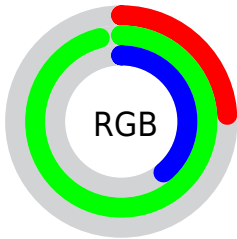
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">62, 213, 244</a>
Decimal	<a href="#">4125795</a>
CIELab	<a href="#">85.31, -72.98, 56.03</a>
CIELCh	<a href="#">85, 92.002, 142.485</a>
Yxy	<a href="#">66.6264, 0.2905, 0.5290</a>
Android (android.graphics.Color)	<a href="#">4282315875 (0xFF3EF463)</a>
YUV	<a href="#">173.0520, -36.5076, -97.3926</a>
Hunter-Lab	<a href="#">81.6250, -62.8288, 40.6226</a>

# Details

The Decimal color **4125795** is a dark color, and the websafe version is hex **33FF66**. The color can be described as middle washed spring green. A complement of this color would be **16006863**, and the grayscale version is **11382189**.

A 20% lighter version of the original color is **8912794**, and **47659** is the 20% darker color. If you saturate the color by 10%, you get **2552912**, and if you desaturate by 10%, it is **5698678**.

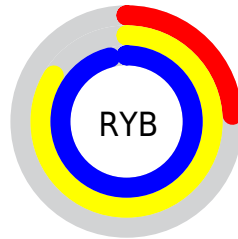
# Distribution



Red (24%)

Green (96%)

Blue (39%)



Red (24%)

Yellow (84%)

Blue (96%)

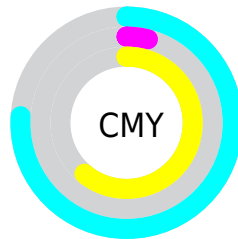


Cyan (75%)

Magenta (0%)

Yellow (59%)

Black (4%)



Cyan (76%)

Magenta (4%)

Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4125795 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 4125795 by changing the saturation by 10% instead.





■ 4125795

■ 4125795

■ 2552912

■ 5698678

■ 914492

■ 7337098

■ 62514

■ 8909981

■ 10548401

■ 12121284

■ 13694168

■ 15332587

■ 16774399

# Harmonies

## Analogous

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



12575744



4125795



64700

# Triad

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



4125795



59135



16744856

# Complementary

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



4125795



16006863

# 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.



16743663



4125795



10864895

# Square

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



4125795



63487



16752383



16753993

# Rectangle

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



4125795



65016



16752383



16743093

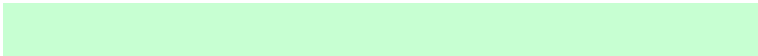


# Sweetspot

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



4125795



13107154



13694014



6193253



0



8421504



# Same Dimension

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



4125795



1703752



4125885



7240305



47654



15116



# Inverse Universe

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



16006863



16718288



16006773



8023672



12189844

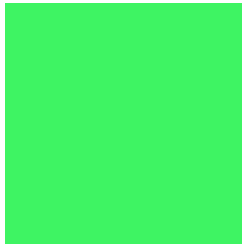


3866671



# Previews

## White Background



This preview shows how the Decimal color 4125795 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 4125795 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 4125795 Background



This preview shows how black text looks on a background with the Decimal color 4125795.

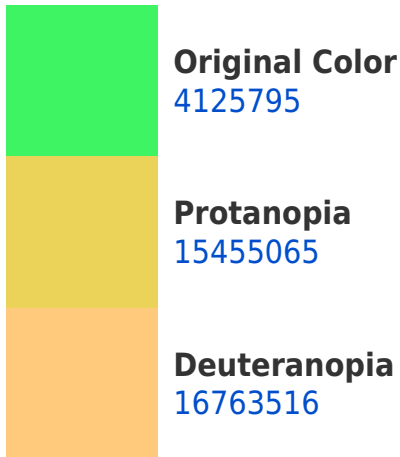


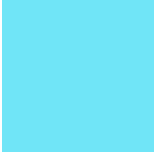
This preview shows how white text looks on a background with the Decimal color 4125795.

# 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](#).

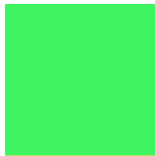
## Dichromacy





**Tritanopia**  
7398903

# Trichromacy



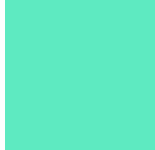
**Original Color**  
4125795



**Protanomaly**  
11329373



**Deuteranomaly**  
12179827



**Tritanomaly**  
6220481

# Monochromacy



**Original Color**  
4125795



**Achromatopsia**  
11382189



**Achromatomaly**  
8767378

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4125795 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 #3EF463 looks like.

```
.text, #text, p{  
    color:#3EF463  
}
```

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 #3EF463 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3EF463
}
```

## Border

The CSS property to change the border of an element to Decimal 4125795 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
#3EF463 }
```

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

```
.border{ border-color:#3EF463 }
```

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

Here you see how a box with a 4 pixel #3EF463 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3EF463; -webkit-box-shadow:4px 4px  
4px 4px #3EF463; box-shadow:4px 4px 4px  
4px #3EF463 }
```

# Background

The CSS property to change the background color of an element to Decimal 4125795 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3EF463 }
```

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

```
.background{ background-color:#3EF463 }
```

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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