

# Converting Colors

Decimal(8254820)

Have a look what the booklet for  
Decimal(8254820) contains.

<b>Decimal(8254820)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Decimal(8254820)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7DF564
RGB	125, 245, 100
RGB Percent	49%, 96%, 39%
CMY	0.5098, 0.0392, 0.6078
CMYK	0.49, 0.00, 0.59, 0.04
HSL	110°, 88%, 68%
HSV	110°, 59%, 96%
XYZ	43.4101, 70.5849, 23.3929
YIQ	192.5900, -24.9750, -70.5350

# Conversions

## Conversions Part 2

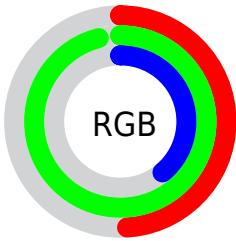
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">100, 245, 220</a>
Decimal	<a href="#">8254820</a>
CIELab	<a href="#">87.28, -60.13, 58.29</a>
CIELCh	<a href="#">87, 83.746, 135.892</a>
Yxy	<a href="#">70.5849, 0.3160, 0.5138</a>
Android (android.graphics.Color)	<a href="#">4286444900 (0xFF7DF564)</a>
YUV	<a href="#">192.5900, -45.6469, -59.2764</a>
Hunter-Lab	<a href="#">84.0148, -54.7957, 42.3018</a>

# Details

The Decimal color **8254820** is a light color, and the websafe version is hex **99FF66**. A complement of this color would be **14443765**, and the grayscale version is **12698049**.

A 20% lighter version of the original color is **12189595**, and **4045868** is the 20% darker color. If you saturate the color by 10%, you get **6944076**, and if you desaturate by 10%, it is **9565565**.

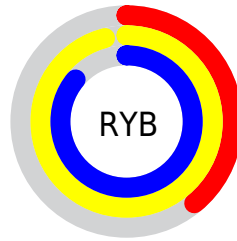
# Distribution



Red (49%)

Green (96%)

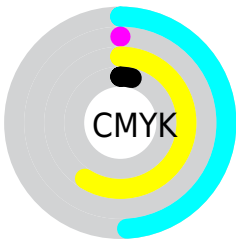
Blue (39%)



Red (39%)

Yellow (96%)

Blue (86%)

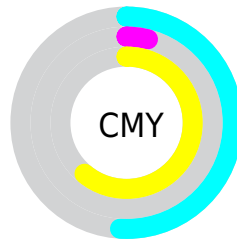


Cyan (49%)

Magenta (0%)

Yellow (59%)

Black (4%)



Cyan (51%)

Magenta (4%)

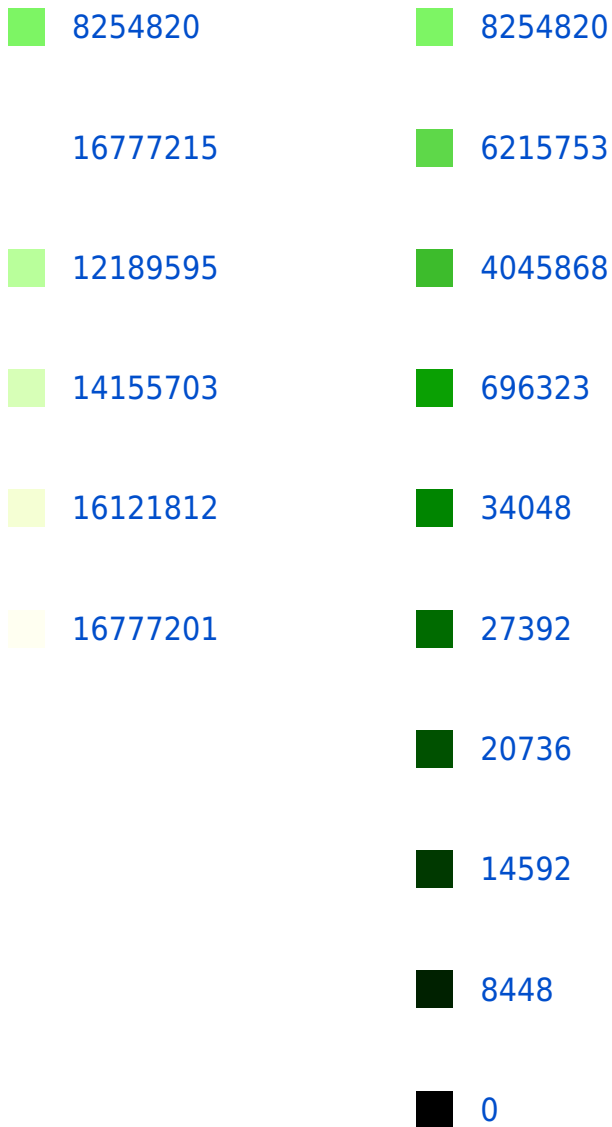
Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8254820 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 8254820 by changing the saturation by 10% instead.





 8254820

 8254820

 6944076

 9565565

 5567795


 10941845

 4257050

 12252590

 2946306

 13563334

 2815232

 14874079

 16250359

 16774655

# Harmonies

## Analogous

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



14410792



8254820



65201

# Triad

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



8254820



61183



16748468

# Complementary

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



8254820



14443765

# 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.



16749567



8254820



9360895

# Square

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



8254820



64767



16757759



16754795

# Rectangle

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



8254820



65513



16757759



16747726

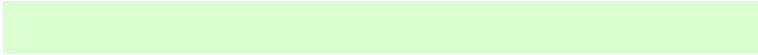


# Sweetspot

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



8254820



14286801



16112228



6848611



0



8421504



# Same Dimension

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



8254820



6946634



6616466



7371374



2144768



670464



# Inverse Universe

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



14443765



14699263



16082119



7892602



10092730

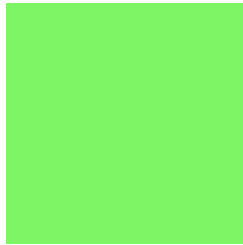


3211323



# Previews

## White Background



This preview shows how the Decimal color 8254820 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 8254820 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

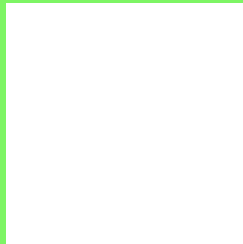
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 8254820 Background



This preview shows how black text looks on a background with the Decimal color 8254820.




This preview shows how white text looks on a background with the Decimal color 8254820.

# 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



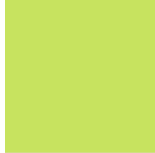


**Tritanopia**  
10151672

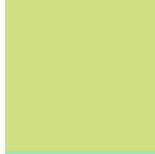
# Trichromacy



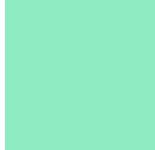
**Original Color**  
8254820



**Protanomaly**  
13099871



**Deuteranomaly**  
13688707

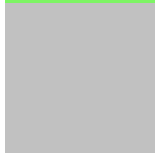


**Tritanomaly**  
9432002

# Monochromacy



**Original Color**  
8254820



**Achromatopsia**  
12698049



**Achromatomaly**  
11064479

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8254820 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 #7DF564 looks like.

```
.text, #text, p{  
    color:#7DF564  
}
```

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 #7DF564 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7DF564
}
```

## Border

The CSS property to change the border of an element to Decimal 8254820 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
#7DF564 }
```

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

```
.border{ border-color:#7DF564 }
```

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

Here you see how a box with a 4 pixel #7DF564 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7DF564; -webkit-box-shadow:4px 4px  
4px 4px #7DF564; box-shadow:4px 4px 4px  
4px #7DF564 }
```

# Background

The CSS property to change the background color of an element to Decimal 8254820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7DF564 }
```

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

```
.background{ background-color:#7DF564 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor