

# Converting Colors

Decimal(15069540)

Have a look what the booklet for  
Decimal(15069540) contains.

<b>Decimal(15069540)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Decimal(15069540)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E5F164
RGB	229, 241, 100
RGB Percent	90%, 95%, 39%
CMY	0.1020, 0.0549, 0.6078
CMYK	0.05, 0.00, 0.59, 0.05
HSL	65°, 83%, 67%
HSV	65°, 59%, 95%
XYZ	66.0686, 80.4887, 24.1103
YIQ	221.3380, 38.1090, -46.3950

# Conversions

## Conversions Part 2

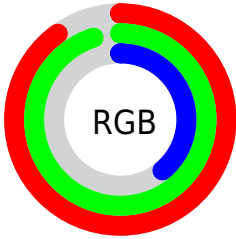
<b>Format</b>	<b>Color</b>
<b>RYB</b>	100, 241, 112
Decimal	15069540
CIELab	91.90, -22.19, 65.04
CIELCh	92, 68.723, 108.834
Yxy	80.4887, 0.3871, 0.4716
Android (android.graphics.Color)	4293259620 (0xFFE5F164)
YUV	221.3380, -59.8196, 6.7196
Hunter-Lab	89.7155, -25.5504, 46.8672

# Details

The Decimal color **15069540** is a light color, and the websafe version is hex **FFFF66**. A complement of this color would be **7365873**, and the grayscale version is **14606046**.

A 20% lighter version of the original color is **16777115**, and **11254058** is the 20% darker color. If you saturate the color by 10%, you get **14938444**, and if you desaturate by 10%, it is **15200636**.

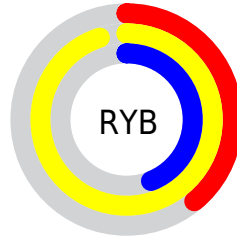
# Distribution



Red (90%)

Green (95%)

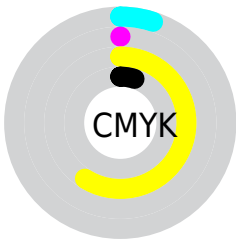
Blue (39%)



Red (39%)

Yellow (95%)

Blue (44%)

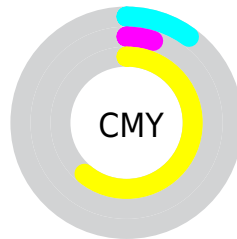


Cyan (5%)

Magenta (0%)

Yellow (59%)

Black (5%)



Cyan (10%)

Magenta (5%)
















Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15069540 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 15069540 by changing the saturation by 10% instead.



 15069540	 15069540
16777215	 13161800
 16777115	 11254058
 16777144	 9346560
 16777173	 7504896
 16777202	 5729024
	 4018944
	 2243584
	 337408
	 3328

15069540

15069540

14938444

15200636

14807348

15331732

14676252

15462828

14545156

15593924

14479616

15725020

15856117

15987199

16118271

16249343

# Harmonies

## Analogous

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



16768098



15069540



10026893

# Triad

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



15069540



65535



16757247

# Complementary

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



15069540



7365873

# 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.



16762623



15069540



63231

# Square

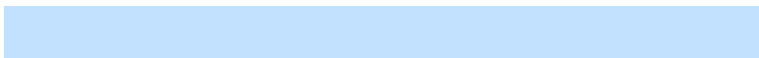
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



15069540



65535



12771583



16757185

# Rectangle

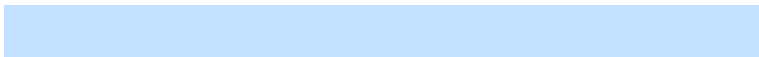
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



15069540



4849590



12771583



16758783



# Sweetspot

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



15069540



16515025



15822948



8224867



0



8421504



# Same Dimension

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



15069540



15793997



10482020



7829612



11057152



3356672



# Inverse Universe

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



7365873



6049279



11953393



7171192



1048760

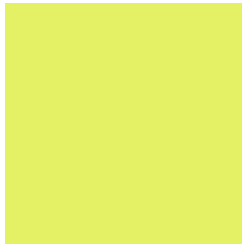


327736



# Previews

## White Background



This preview shows how the Decimal color 15069540 looks on a white background.

## Color Contrast Check

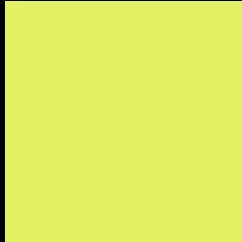
Large Text (above 18pt) WCAG AA × Fail

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 15069540 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 15069540 Background



This preview shows how black text looks on a background with the Decimal color 15069540.

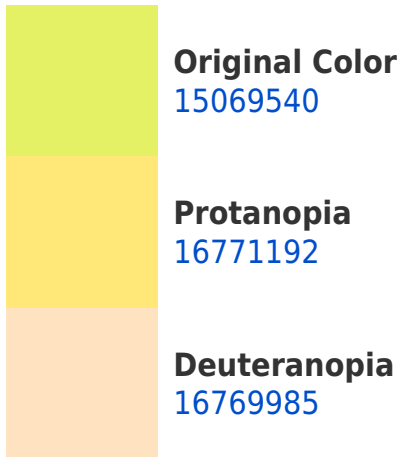


This preview shows how white text looks on a background with the Decimal color 15069540.

# 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](#).

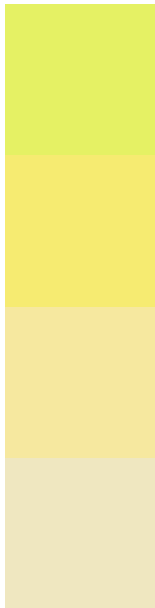
## Dichromacy





**Tritanopia**  
16048884

# Trichromacy



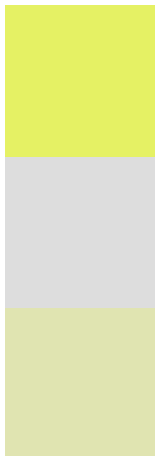
**Original Color**  
15069540

**Protanomaly**  
16182129

**Deuteranomaly**  
16181407

**Tritanomaly**  
15722432

# Monochromacy



**Original Color**  
15069540

**Achromatopsia**  
14540253

**Achromatomaly**  
14738609

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15069540 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 #E5F164 looks like.

```
.text, #text, p{  
    color:#E5F164  
}
```

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 #E5F164 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E5F164
}
```

## Border

The CSS property to change the border of an element to Decimal 15069540 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
#E5F164 }
```

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

```
.border{ border-color:#E5F164 }
```

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

Here you see how a box with a 4 pixel #E5F164 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E5F164; -webkit-box-shadow:4px 4px  
4px 4px #E5F164; box-shadow:4px 4px 4px  
4px #E5F164 }
```

# Background

The CSS property to change the background color of an element to Decimal 15069540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E5F164 }
```

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

```
.background{ background-color:#E5F164 }
```

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