

# Converting Colors

Decimal(14215775)

Have a look what the booklet for  
Decimal(14215775) contains.

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# **Color**

**Decimal(14215775)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D8EA5F
RGB	216, 234, 95
RGB Percent	85%, 92%, 37%
CMY	0.1529, 0.0824, 0.6275
CMYK	0.08, 0.00, 0.59, 0.08
HSL	68°, 77%, 65%
HSV	68°, 59%, 92%
XYZ	59.8073, 74.2708, 22.0100
YIQ	212.7720, 33.8910, -47.0450

# Conversions

## Conversions Part 2

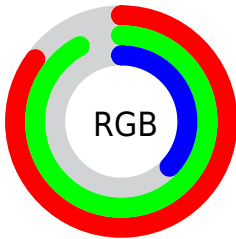
<b>Format</b>	<b>Color</b>
<b>RYB</b>	95, 234, 113
Decimal	14215775
CIELab	89.05, -24.34, 63.74
CIELCh	89, 68.235, 110.903
Yxy	74.2708, 0.3832, 0.4758
Android (android.graphics.Color)	4292405855 (0xFFD8EA5F)
YUV	212.7720, -58.0616, 2.8310
Hunter-Lab	86.1805, -26.9410, 45.1840

# Details

The Decimal color **14215775** is a light color, and the websafe version is hex **FFFF66**. The color can be described as light muted yellow. A complement of this color would be **7430122**, and the grayscale version is **14013909**.

A 20% lighter version of the original color is **16777110**, and **10400293** is the 20% darker color. If you saturate the color by 10%, you get **14019144**, and if you desaturate by 10%, it is **14412406**.

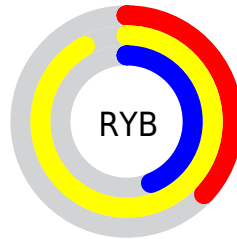
# Distribution



Red (85%)

Green (92%)

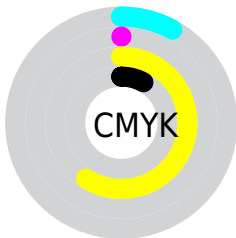
Blue (37%)



Red (37%)

Yellow (92%)

Blue (44%)

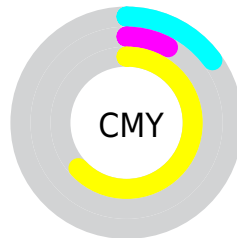


Cyan (8%)

Magenta (0%)

Yellow (59%)

Black (8%)



Cyan (15%)

Magenta (8%)

Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 14215775 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 14215775 by changing the saturation by 10% instead.



 14215775

 14215775

16777215

 12308035

 16777110

 10400293

 16777138

 8558592

 16777167

 6782464

 16777196

 5006592

 3230976

 1390080

 8448

 0

14215775

14215775

14019144

14412406

13822512

14609038

13625881

14805669

13429249

15002301

13429248

15198932

15395563

15592191

15788799

15985407

# Harmonies

## Analogous

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



16766298



14215775



9107594

# Triad

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



14215775



64255



16755190

# Complementary

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



14215775



7430122

# 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.



16760063



14215775



60927

# Square

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



14215775



65535



12769023



16755381

# Rectangle

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



14215775



3210675



12769023



16756479



# Sweetspot

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



14215775



16383953



15363935



8159331



0



8421504



# Same Dimension

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



14215775



15269706



9759327



7632234



10401024



3094016



# Inverse Universe

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



7430122



6376191



11886570



7039605



1507509



458806



# Previews

## White Background



This preview shows how the Decimal color 14215775 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 14215775 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 14215775 Background



This preview shows how black text looks on a background with the Decimal color 14215775.

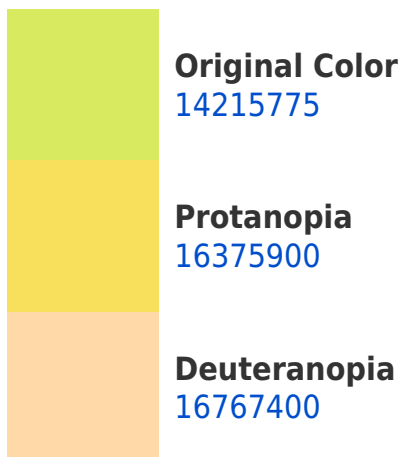


This preview shows how white text looks on a background with the Decimal color 14215775.

# 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](#).

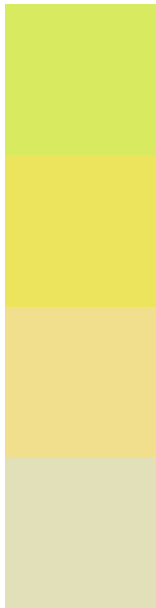
## Dichromacy





**Tritanopia**  
15195117

# Trichromacy



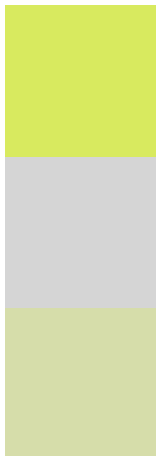
**Original Color**  
14215775

**Protanomaly**  
15590493

**Deuteranomaly**  
15851405

**Tritanomaly**  
14868665

# Monochromacy



**Original Color**  
14215775

**Achromatopsia**  
14013909

**Achromatomaly**  
14081450

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 14215775 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 #D8EA5F looks like.

```
.text, #text, p{  
    color:#D8EA5F  
}
```

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 #D8EA5F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D8EA5F
}
```

## Border

The CSS property to change the border of an element to Decimal 14215775 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
#D8EA5F }
```

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

```
.border{ border-color:#D8EA5F }
```

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

Here you see how a box with a 4 pixel #D8EA5F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D8EA5F; -webkit-box-shadow:4px 4px  
4px 4px #D8EA5F; box-shadow:4px 4px 4px  
4px #D8EA5F }
```

# Background

The CSS property to change the background color of an element to Decimal 14215775 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D8EA5F }
```

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

```
.background{ background-color:#D8EA5F }
```

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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