

# Converting Colors

Decimal(14955509)

Have a look what the booklet for  
Decimal(14955509) contains.

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# Color

**Decimal(14955509)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E433F5
RGB	228, 51, 245
RGB Percent	89%, 20%, 96%
CMY	0.1059, 0.8000, 0.0392
CMYK	0.07, 0.79, 0.00, 0.04
HSL	295°, 91%, 58%
HSV	295°, 79%, 96%
XYZ	49.6602, 25.4542, 88.6820
YIQ	126.0390, 43.2180, 97.8580

# Conversions

## Conversions Part 2

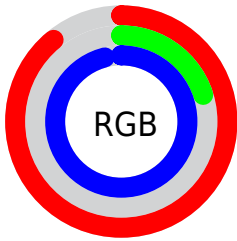
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	228, 51, 245
Decimal	14955509
CIE Lab	57.52, 85.83, -60.03
CIE LCh	58, 104.741, 325.034
Yxy	25.4542, 0.3032, 0.1554
Android (android.graphics.Color)	4293145589 (0xFFE433F5)
YUV	126.0390, 58.6478, 89.4198
Hunter-Lab	50.4522, 87.4066, -68.9001

# Details

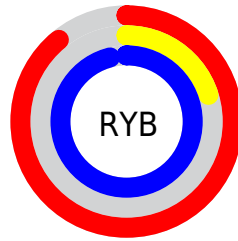
The Decimal color **14955509** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **4519219**, and the grayscale version is **8224125**.

A 20% lighter version of the original color is **16742399**, and **11010236** is the 20% darker color. If you saturate the color by 10%, you get **14818037**, and if you desaturate by 10%, it is **15092981**.

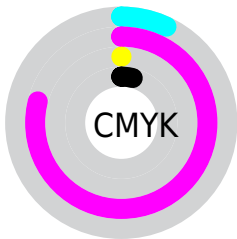
# Distribution



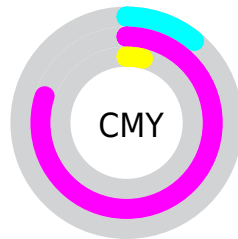
- Red (89%)
- Green (20%)
- Blue (96%)



- Red (89%)
- Yellow (20%)
- Blue (96%)



- Cyan (7%)
- Magenta (79%)
- Yellow (0%)
- Black (4%)



















- Cyan (11%)
- Magenta (80%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 14955509 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 14955509 by changing the saturation by 10% instead.



 14955509	 14955509
16777215	 12976344
 16742399	 11010236
 16750079	 9044128
 16757759	 7143557
 16765439	 5242987
 16773375	 3407954
	 1114170
	 547
	 10

 14955509

 14955509

 14818037

 15092981

 14680821

 15230197

 14680309

 15367669

 15570421

 15707893

 15845109

 15982581

 16119797

 16252917

# Harmonies

## Analogous

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



3242495



14955509



16711838

# Triad

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



1495509



11895296



44758

# Complementary

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



1495509



4519219

# 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.



44408



1495509



6068992

# Square

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



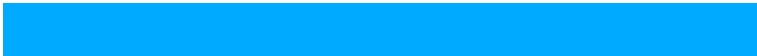
1495509



16142848



42752



44031

# Rectangle

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



14955509



16711778



42752



44728



# Sweetspot

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



14955509



16433919



3360501



8149888



0



8421504



# Same Dimension

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



14955509



15339007



16069543



7958138



11141306



3539003



# Inverse Universe

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



16069444



16715042



3405185



8023663



12189712



3866629



# Previews

## White Background



This preview shows how the Decimal color 14955509 looks on a white background.

## Color Contrast Check

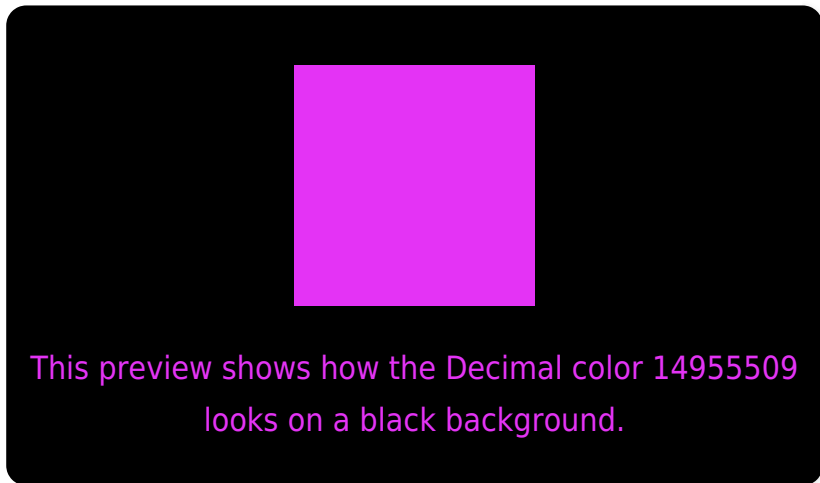
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

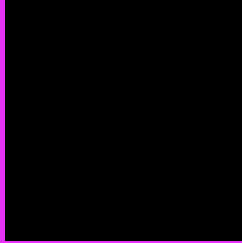
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 14955509 Background



This preview shows how black text looks on a background with the Decimal color 14955509.



This preview shows how white text looks on a background with the Decimal color 14955509.

# 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



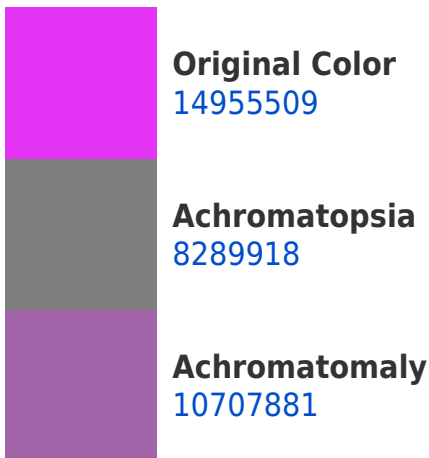


**Tritanopia**  
13920624

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 14955509 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 #E433F5 looks like.

```
.text, #text, p{  
    color:#E433F5  
}
```

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 #E433F5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E433F5
}
```

## Border

The CSS property to change the border of an element to Decimal 14955509 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
#E433F5 }
```

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

```
.border{ border-color:#E433F5 }
```

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

Here you see how a box with a 4 pixel #E433F5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E433F5; -webkit-box-shadow:4px 4px  
4px 4px #E433F5; box-shadow:4px 4px 4px  
4px #E433F5 }
```

# Background

The CSS property to change the background color of an element to Decimal 14955509 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E433F5 }
```

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

```
.background{ background-color:#E433F5 }
```

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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