

# Converting Colors

Decimal(7529319)

Have a look what the booklet for  
Decimal(7529319) contains.

<b>Decimal(7529319)</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(7529319)**

# Conversions

## Conversions Part 1

Format	Color
Hex	72E367
RGB	114, 227, 103
RGB Percent	45%, 89%, 40%
CMY	0.5529, 0.1098, 0.5961
CMYK	0.50, 0.00, 0.55, 0.11
HSL	115°, 69%, 65%
HSV	115°, 55%, 89%
XYZ	36.8567, 59.4949, 22.3731
YIQ	179.0770, -27.5440, -62.5200

# Conversions

## Conversions Part 2

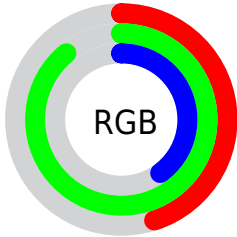
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">103, 227, 216</a>
Decimal	<a href="#">7529319</a>
CIELab	<a href="#">81.56, -55.92, 50.19</a>
CIELCh	<a href="#">82, 75.141, 138.089</a>
Yxy	<a href="#">59.4949, 0.3104, 0.5011</a>
Android (android.graphics.Color)	<a href="#">4285719399 (0xFF72E367)</a>
YUV	<a href="#">179.0770, -37.5060, -57.0725</a>
Hunter-Lab	<a href="#">77.1329, -49.6893, 36.7955</a>

# Details

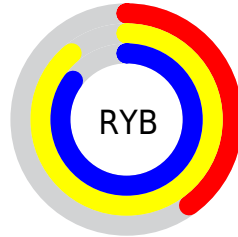
The Decimal color **7529319** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **14182371**, and the grayscale version is **11776947**.

A 20% lighter version of the original color is **11403165**, and **3386162** is the 20% darker color. If you saturate the color by 10%, you get **6153040**, and if you desaturate by 10%, it is **8905598**.

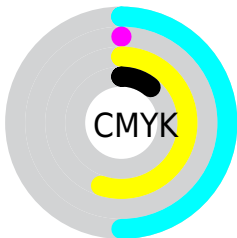
# Distribution



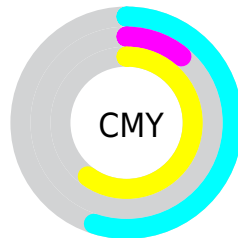
- Red (45%)
- Green (89%)
- Blue (40%)



- Red (40%)
- Yellow (89%)
- Blue (85%)



- Cyan (50%)
- Magenta (0%)
- Yellow (55%)
- Black (11%)



- Cyan (55%)
- Magenta (11%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7529319 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 7529319 by changing the saturation by 10% instead.



■ 7529319

■ 7529319

16777215

■ 5555789

■ 11403165

■ 3386162

■ 13303737

■ 36628

■ 15269845

■ 29952

■ 16777202

■ 23296

■ 16896

■ 11264

■ 2816

■ 0

 7529319

 7529319

 6153040

 8905598

 4842298

 10216340

 3466019

 11592619

 2089740

 12968898

 1368832

 14279641

 15655919

 16770047

# Harmonies

## Analogous

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



13095989



7529319



60331

# Triad

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



7529319



56319



16747171

# Complementary

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



7529319



14182371

# 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.



16747754



7529319



9880831

# Square

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



7529319



59647



16754175



16752996

# Rectangle

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



7529319



60636



16754175



16746682

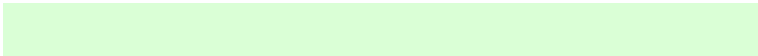


# Sweetspot

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



7529319



14352342



14931815



6914151



0



8421504



# Same Dimension

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



7529319



6750039



6808473



6845287



1094400



340736



# Inverse Universe

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



14182371



15751167



14903217



7497587



10682547

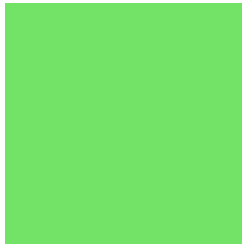


3014707



# Previews

## White Background



This preview shows how the Decimal color 7529319 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 7529319 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

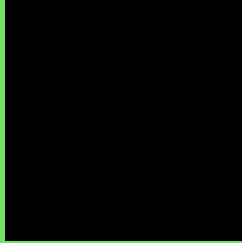
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 7529319 Background



This preview shows how black text looks on a background with the Decimal color 7529319.

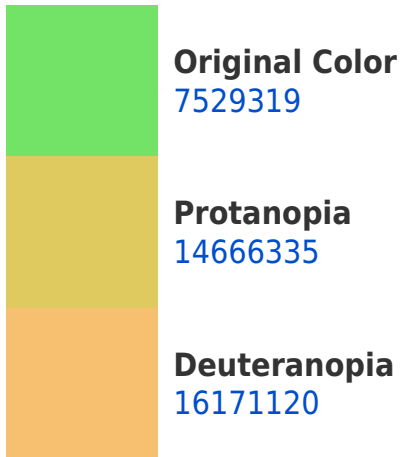


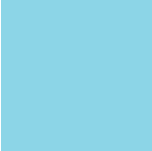
This preview shows how white text looks on a background with the Decimal color 7529319.

# 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**  
9229799

# Trichromacy



**Original Color**

7529319



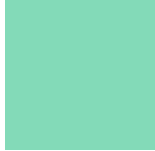
**Protanomaly**

12047202



**Deuteranomaly**

13028717



**Tritanomaly**

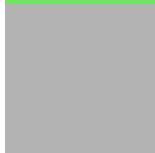
8641208

# Monochromacy



**Original Color**

7529319



**Achromatopsia**

11776947



**Achromatomaly**

10208407

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7529319 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 #72E367 looks like.

```
.text, #text, p{  
    color:#72E367  
}
```

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 #72E367 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #72E367
}
```

## Border

The CSS property to change the border of an element to Decimal 7529319 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
#72E367 }
```

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

```
.border{ border-color:#72E367 }
```

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

Here you see how a box with a 4 pixel #72E367 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #72E367; -webkit-box-shadow:4px 4px  
4px 4px #72E367; box-shadow:4px 4px 4px  
4px #72E367 }
```

# Background

The CSS property to change the background color of an element to Decimal 7529319 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#72E367 }
```

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

```
.background{ background-color:#72E367 }
```

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