

Converting Colors

Decimal(8253289)

Have a look what the booklet for
Decimal(8253289) contains.

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Color

Decimal(8253289)

Conversions

Conversions Part 1

Format	Color
Hex	7DEF69
RGB	125, 239, 105
RGB Percent	49%, 94%, 41%
CMY	0.5098, 0.0627, 0.5882
CMYK	0.48, 0.00, 0.56, 0.06
HSL	111°, 81%, 67%
HSV	111°, 56%, 94%
XYZ	41.8738, 67.1129, 24.1117
YIQ	189.6380, -24.9300, -65.8420

Conversions

Conversions Part 2

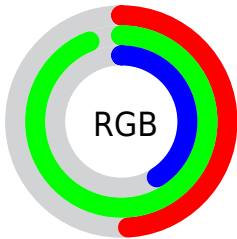
Format	Color
RYB	105, 239, 219
Decimal	8253289
CIELab	85.56, -57.31, 54.10
CIELCh	86, 78.812, 136.646
Yxy	67.1129, 0.3146, 0.5042
Android (android.graphics.Color)	4286443369 (0xFF7DEF69)
YUV	189.6380, -41.7265, -56.6875
Hunter-Lab	81.9225, -52.1260, 39.8953

Details

The Decimal color **8253289** is a light color, and the websafe version is hex **99FF66**. A complement of this color would be **14379503**, and the grayscale version is **12500670**.

A 20% lighter version of the original color is **12124063**, and **4175411** is the 20% darker color. If you saturate the color by 10%, you get **6942545**, and if you desaturate by 10%, it is **9564033**.

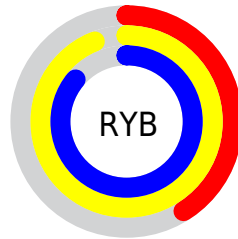
Distribution



Red (49%)

Green (94%)

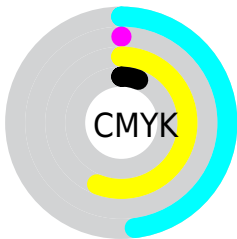
Blue (41%)



Red (41%)

Yellow (94%)

Blue (86%)

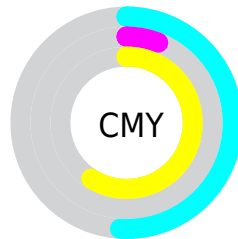


Cyan (48%)

Magenta (0%)

Yellow (56%)

Black (6%)



Cyan (51%)

Magenta (6%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 8253289 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 8253289 by changing the saturation by 10% instead.

 8253289

 8253289

16777215

 6279758

 12124063

 4175411

 14090171

 1350419

 16056280

 32768

 16777205

 26112

 19456

 13568

 7168

 0

 8253289

 8253289

 6942545

 9564033

 5566265

 10940313

 4255521

 12251057

 2944777

 13561801

 2420480

 14938080

 16248824

 16773119

Harmonies

Analogous

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



14016309



8253289



63409

Triad

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



8253289



59647



16748975

Complementary

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



8253289



14379503

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.



16749818



8253289



9883903

Square

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



8253289



62975



16756991



16754796

Rectangle

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



8253289



64229



16756991



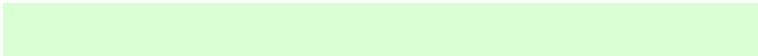
16748232

Sweetspot

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



8253289



14352340



15719273



6979686



0



8421504

Same Dimension

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



8253289



7274324



6942616



7239788



1816576



538624

Inverse Universe

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



14379503



15029503



15690176



7761016



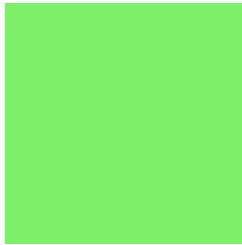
10223800



3145784

Previews

White Background



This preview shows how the Decimal color 8253289 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 8253289 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 8253289 Background



This preview shows how black text looks on a background with the Decimal color 8253289.



This preview shows how white text looks on a background with the Decimal color 8253289.

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



Original Color
8253289

Protanopia
15521121

Deuteranopia
16764035

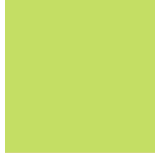


Tritanopia
10019315

Trichromacy



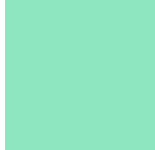
Original Color
8253289



Protanomaly
12901988



Deuteranomaly
13687162

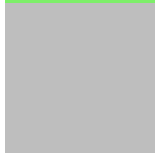


Tritanomaly
9365185

Monochromacy



Original Color
8253289



Achromatopsia
12500670



Achromatomaly
10932383

CSS Examples

Text

The CSS property to change the color of the text to Decimal 8253289 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 #7DEF69 looks like.

```
.text, #text, p{  
    color:#7DEF69  
}
```

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 #7DEF69 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7DEF69
}
```

Border

The CSS property to change the border of an element to Decimal 8253289 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
#7DEF69 }
```

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

```
.border{ border-color:#7DEF69 }
```

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

Here you see how a box with a 4 pixel #7DEF69 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7DEF69; -webkit-box-shadow:4px 4px  
4px 4px #7DEF69; box-shadow:4px 4px 4px  
4px #7DEF69 }
```

Background

The CSS property to change the background color of an element to Decimal 8253289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7DEF69 }
```

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

```
.background{ background-color:#7DEF69 }
```

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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