

# Converting Colors

Decimal(12575613)

Have a look what the booklet for  
Decimal(12575613) contains.

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# **Color**

**Decimal(12575613)**

# Conversions

## Conversions Part 1

Format	Color
Hex	<a href="#">BFE37D</a>
RGB	<a href="#">191, 227, 125</a>
RGB Percent	<a href="#">75%, 89%, 49%</a>
CMY	<a href="#">0.2510, 0.1098, 0.5098</a>
CMYK	<a href="#">0.16, 0.00, 0.45, 0.11</a>
HSL	<a href="#">81°, 65%, 69%</a>
HSV	<a href="#">81°, 45%, 89%</a>
XYZ	<a href="#">52.6566, 67.4952, 29.6546</a>
YIQ	<a href="#">204.6080, 11.2860, -39.3540</a>

# Conversions

## Conversions Part 2

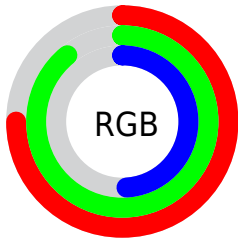
<b>Format</b>	<b>Color</b>
<b>RYB</b>	125, 227, 161
Decimal	12575613
CIELab	85.75, -27.94, 45.80
CIElCh	86, 53.646, 121.386
Yxy	67.4952, 0.3515, 0.4505
Android (android.graphics.Color)	4290765693 (0xFFBFE37D)
YUV	204.6080, -39.2467, -11.9342
Hunter-Lab	82.1555, -29.3645, 36.1077

# Details

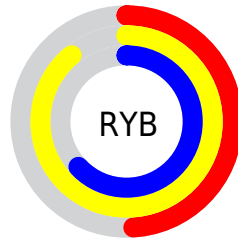
The Decimal color **12575613** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **10583523**, and the grayscale version is **13487565**.

A 20% lighter version of the original color is **16383923**, and **8957001** is the 20% darker color. If you saturate the color by 10%, you get **12051302**, and if you desaturate by 10%, it is **13099924**.

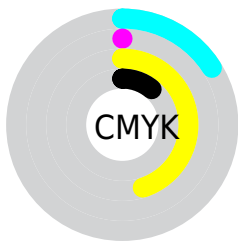
# Distribution



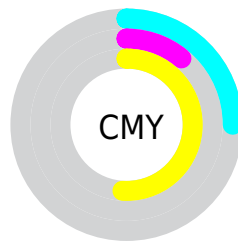
- Red (75%)
- Green (89%)
- Blue (49%)



- Red (49%)
- Yellow (89%)
- Blue (63%)



- Cyan (16%)
- Magenta (0%)
- Yellow (45%)
- Black (11%)



- Cyan (25%)
- Magenta (11%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12575613 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 12575613 by changing the saturation by 10% instead.



 12575613

 12575613

16777215

 10733411

 16383923

 8957001

 16777167

 7180592

 16777196

 5469972

 3759616

 2180608

 77568

 7424

 0

 12575613

 12575613

 12051302

 13099924

 11526992

 13624234

 11002681

 14148545

 10478370

 14672856

 9954059

 15197167

 9691904

 15721471

 16245759

 16770047

# Harmonies

## Analogous

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



15979631



12575613



8383908

# Triad

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



12575613



59647



16756182

# Complementary

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



12575613



10583523

# 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.



16758527



12575613



8903679

# Square

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



12575613



61439



14600447



16757412

# Rectangle

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



12575613



4452549



14600447



16756455

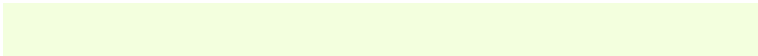


# Sweetspot

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



12575613



15990750



14918013



7897195



0



8421504



# Same Dimension

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



12575613



13565813



9233277



7304039



7648000



2175744



# Inverse Universe

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



10583523



10909183



13925859



7038835



4128947



1179699



# Previews

## White Background



This preview shows how the Decimal color 12575613 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 12575613 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 12575613 Background



This preview shows how black text looks on a background with the Decimal color 12575613.

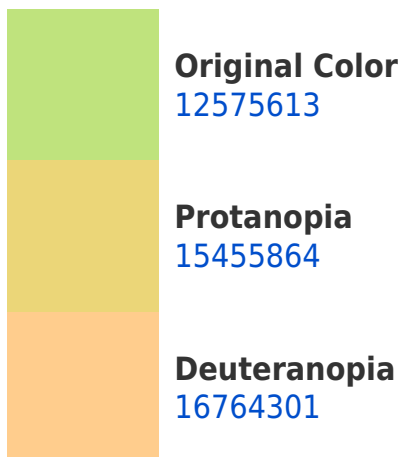


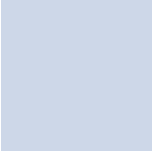
This preview shows how white text looks on a background with the Decimal color 12575613.

# 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**  
13490152

# Trichromacy



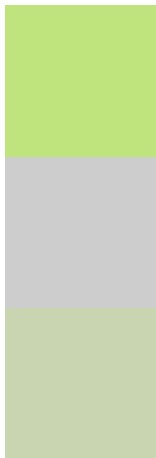
**Original Color**  
12575613

**Protanomaly**  
14408570

**Deuteranomaly**  
15259015

**Tritanomaly**  
13163457

# Monochromacy



**Original Color**  
12575613

**Achromatopsia**  
13487565

**Achromatomaly**  
13161904

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12575613 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 #BFE37D looks like.

```
.text, #text, p{  
    color:#BFE37D  
}
```

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 #BFE37D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BFE37D
}
```

## Border

The CSS property to change the border of an element to Decimal 12575613 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
#BFE37D }
```

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

```
.border{ border-color:#BFE37D }
```

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

Here you see how a box with a 4 pixel #BFE37D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BFE37D; -webkit-box-shadow:4px 4px  
4px 4px #BFE37D; box-shadow:4px 4px 4px  
4px #BFE37D }
```

# Background

The CSS property to change the background color of an element to Decimal 12575613 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BFE37D }
```

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

```
.background{ background-color:#BFE37D }
```

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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