

# Converting Colors

Decimal(8250111)

Have a look what the booklet for  
Decimal(8250111) contains.

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# **Color**

**Decimal(8250111)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7DE2FF
RGB	125, 226, 255
RGB Percent	49%, 89%, 100%
CMY	0.5098, 0.1137, 0.0000
CMYK	0.51, 0.11, 0.00, 0.00
HSL	193°, 100%, 75%
HSV	193°, 51%, 100%
XYZ	53.7038, 65.9727, 104.5113
YIQ	199.1070, -69.5050, -12.3930

# Conversions

## Conversions Part 2

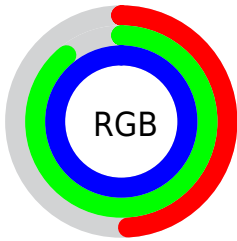
Format	Color
<a href="#">RYB</a>	<a href="#">125, 182, 255</a>
Decimal	<a href="#">8250111</a>
CIELab	<a href="#">84.98, -21.91, -23.18</a>
CIELCh	<a href="#">85, 31.897, 226.609</a>
Yxy	<a href="#">65.9727, 0.2395, 0.2943</a>
Android (android.graphics.Color)	<a href="#">4286440191 (0xFF7DE2FF)</a>
YUV	<a href="#">199.1070, 27.5552, -64.9918</a>
Hunter-Lab	<a href="#">81.2236, -24.1197, -19.4326</a>

# Details

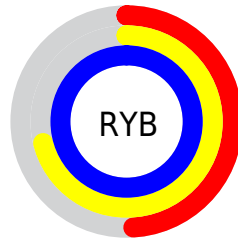
The Decimal color **8250111** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **16751229**, and the grayscale version is **13092807**.

A 20% lighter version of the original color is **12189695**, and **4041670** is the 20% darker color. If you saturate the color by 10%, you get **6610175**, and if you desaturate by 10%, it is **9955583**.

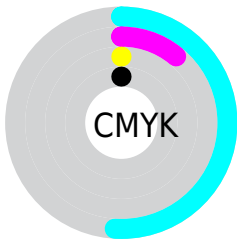
# Distribution



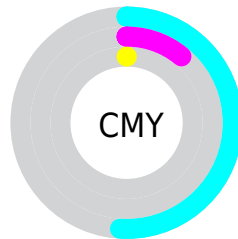
- Red (49%)
- Green (89%)
- Blue (100%)



- Red (49%)
- Yellow (71%)
- Blue (100%)



- Cyan (51%)
- Magenta (11%)
- Yellow (0%)
- Black (0%)



- Cyan (51%)
- Magenta (11%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8250111 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 8250111 by changing the saturation by 10% instead.



 8250111

 8250111

16777215

 6211298

 12189695

 4041670

 14155775

 757931

 16121855

 30352

 23927

 17758

 12102

 7215

 283

■ 8250111

■ 8250111

■ 6610175

■ 9955583

■ 4904959

■ 11595263

■ 3265023

■ 13300735

■ 1559551

■ 14940671

■ 50943

■ 16645887

■ 16777215

# Harmonies

## Analogous

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



8185316



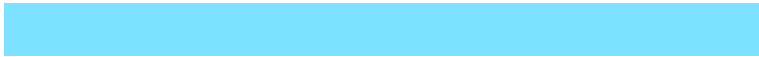
8250111



10279935

# Triad

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



8250111



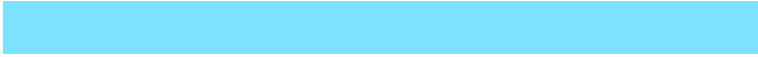
16761059



14276762

# Complementary

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



8250111



16751229

# 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.



16174746



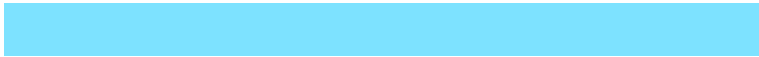
8250111



16760772

# Square

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



8250111



15583230



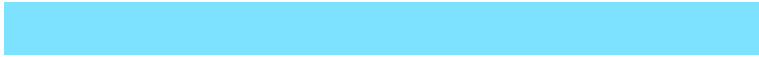
16762026



12050602

# Rectangle

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



8250111



12113407



16762026

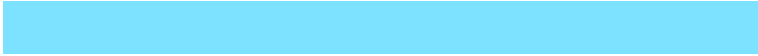


14931096

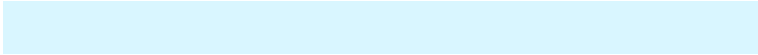


# Sweetspot

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



8250111



14284543



8257433



6912640



0



8421504

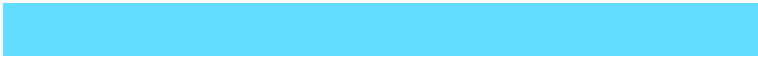


# Same Dimension

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



8250111



6544639



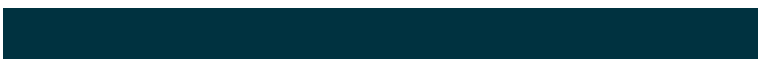
8233727



7568768



38335



12864



# Inverse Universe

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



16743906



16737244



16767613



8418173



12517525

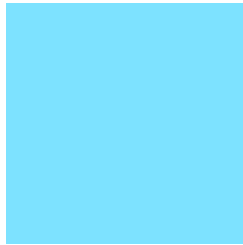


4194354



# Previews

## White Background



This preview shows how the Decimal color 8250111 looks on a white background.

## Color Contrast Check

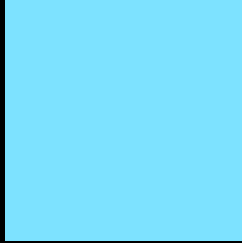
Large Text (above 18pt) WCAG AA × Fail

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 8250111 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 8250111 Background



This preview shows how black text looks on a background with the Decimal color 8250111.



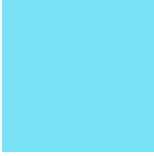
This preview shows how white text looks on a background with the Decimal color 8250111.

# 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](#).

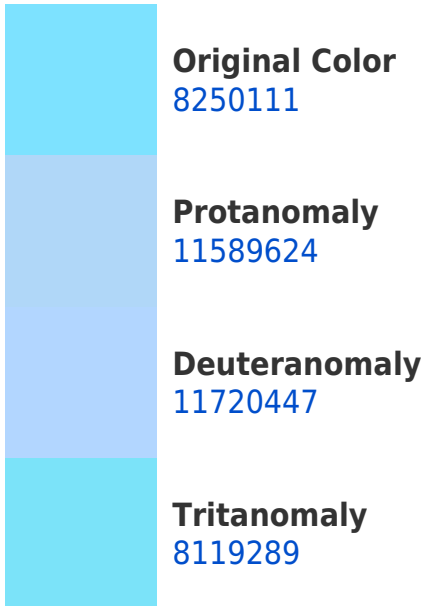
## Dichromacy





**Tritanopia**  
8054006

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8250111 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 #7DE2FF looks like.

```
.text, #text, p{  
    color:#7DE2FF  
}
```

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 #7DE2FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7DE2FF }  
}
```

## Border

The CSS property to change the border of an element to Decimal 8250111 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 #7DE2FF }  
}
```

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

```
.border{ border-color:#7DE2FF }
```

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

Here you see how a box with a 4 pixel #7DE2FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7DE2FF; -webkit-box-shadow:4px 4px  
4px 4px #7DE2FF; box-shadow:4px 4px 4px  
4px #7DE2FF }
```

# Background

The CSS property to change the background color of an element to Decimal 8250111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7DE2FF }
```

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

```
.background{ background-color:#7DE2FF }
```

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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