

Converting Colors

Decimal(8246268)

Have a look what the booklet for
Decimal(8246268) contains.

Decimal(8246268)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(8246268)

Conversions

Conversions Part 1

Format	Color
Hex	7DD3FC
RGB	125, 211, 252
RGB Percent	49%, 83%, 99%
CMY	0.5098, 0.1725, 0.0118
CMYK	0.50, 0.16, 0.00, 0.01
HSL	199°, 95%, 74%
HSV	199°, 50%, 99%
XYZ	49.3224, 57.9768, 100.6865
YIQ	189.9600, -64.4170, -5.4810

Conversions

Conversions Part 2

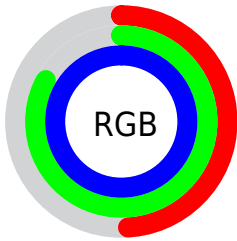
Format	Color
RYB	125, 176, 252
Decimal	8246268
CIELab	80.73, -15.13, -28.08
CIELCh	81, 31.896, 241.690
Yxy	57.9768, 0.2371, 0.2788
Android (android.graphics.Color)	4286436348 (0xFF7DD3FC)
YUV	189.9600, 30.5857, -56.9699
Hunter-Lab	76.1425, -17.6234, -25.1020

Details

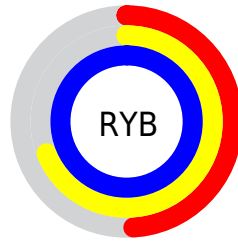
The Decimal color **8246268** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **16557693**, and the grayscale version is **12500670**.

A 20% lighter version of the original color is **12124159**, and **4168899** is the 20% darker color. If you saturate the color by 10%, you get **6605820**, and if you desaturate by 10%, it is **9886716**.

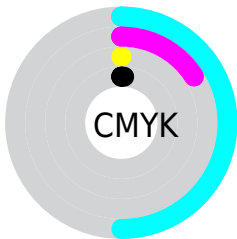
Distribution



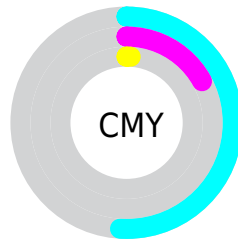
- Red (49%)
- Green (83%)
- Blue (99%)



- Red (49%)
- Yellow (69%)
- Blue (99%)



- Cyan (50%)
- Magenta (16%)
- Yellow (0%)
- Black (1%)



- Cyan (51%)
- Magenta (17%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 8246268 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 8246268 by changing the saturation by 10% instead.

8246268

8246268

16777215

6272991

12124159

4168899

14090239

1344168

16056319

27021

20852

14939

9283

2093

280

■ 8246268

■ 8246268

■ 6605820

■ 9886716

■ 4965372

■ 11527164

■ 3259388

■ 13233148

■ 1618684

■ 14873852

■ 44028

■ 16514300

16777212

Harmonies

Analogous

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



7133415



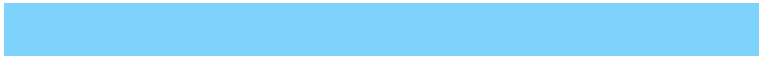
8246268



10865663

Triad

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



8246268



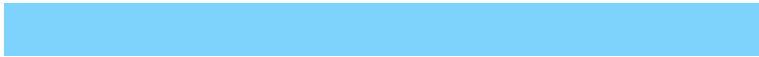
16757448



12374165

Complementary

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



8246268



16557693

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.



14469005



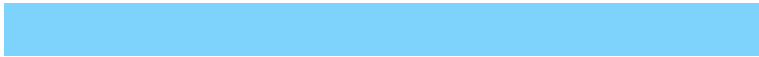
8246268



16758186

Square

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



8246268



15775717



16104853



10081963

Rectangle

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



8246268



12698879



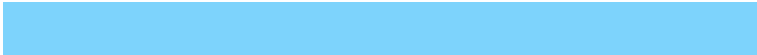
16104853



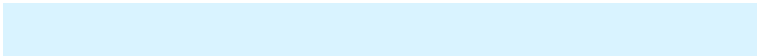
13094288

Sweetspot

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



8246268



14283775



8256677



6912128



0



8421504

Same Dimension

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



8246268



6737663



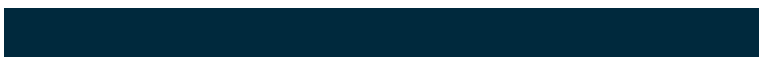
8230140



7371133



32957



10557

Inverse Universe

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



16547283



16737998



16573821



8220793



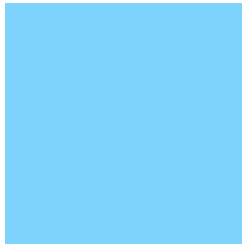
12386432



3997737

Previews

White Background



This preview shows how the Decimal color 8246268 looks on a white background.

Color Contrast Check

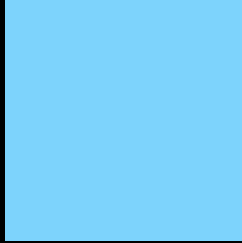
Large Text (above 18pt) WCAG AA × Fail

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 8246268 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 8246268 Background



This preview shows how black text looks on a background with the Decimal color 8246268.



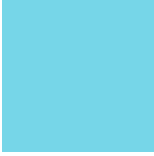
This preview shows how white text looks on a background with the Decimal color 8246268.

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



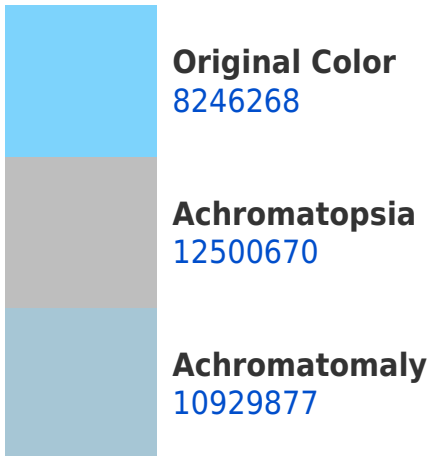


Tritanopia
7788264

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 8246268 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 #7DD3FC looks like.

```
.text, #text, p{  
    color:#7DD3FC  
}
```

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 #7DD3FC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7DD3FC
}
```

Border

The CSS property to change the border of an element to Decimal 8246268 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
#7DD3FC }
```

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

```
.border{ border-color:#7DD3FC }
```

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

Here you see how a box with a 4 pixel #7DD3FC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7DD3FC; -webkit-box-shadow:4px 4px  
4px 4px #7DD3FC; box-shadow:4px 4px 4px  
4px #7DD3FC }
```

Background

The CSS property to change the background color of an element to Decimal 8246268 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7DD3FC }
```

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

```
.background{ background-color:#7DD3FC }
```

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