

Converting Colors

Decimal(6878201)

Have a look what the booklet for
Decimal(6878201) contains.

Decimal(6878201)	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(6878201)

Conversions

Conversions Part 1

Format	Color
Hex	68F3F9
RGB	104, 243, 249
RGB Percent	41%, 95%, 98%
CMY	0.5922, 0.0471, 0.0235
CMYK	0.58, 0.02, 0.00, 0.02
HSL	182°, 92%, 69%
HSV	182°, 58%, 98%
XYZ	54.8584, 73.8838, 100.9922
YIQ	202.1230, -84.7700, -27.6020

Conversions

Conversions Part 2

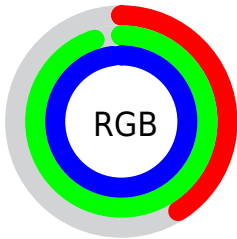
Format	Color
RYB	104, 175, 249
Decimal	6878201
CIELab	88.87, -35.72, -14.24
CIELCh	89, 38.451, 201.738
Yxy	73.8838, 0.2388, 0.3216
Android (android.graphics.Color)	4285068281 (0xFF68F3F9)
YUV	202.1230, 23.1104, -86.0539
Hunter-Lab	85.9557, -36.5007, -9.4928

Details

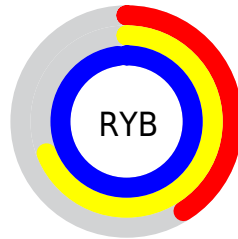
The Decimal color **6878201** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **16346728**, and the grayscale version is **13290186**.

A 20% lighter version of the original color is **11010047**, and **768705** is the 20% darker color. If you saturate the color by 10%, you get **5239545**, and if you desaturate by 10%, it is **8516857**.

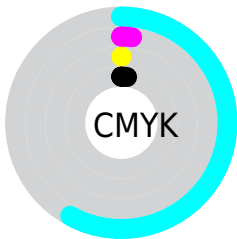
Distribution



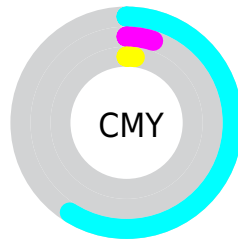
- Red (41%)
- Green (95%)
- Blue (98%)



- Red (41%)
- Yellow (69%)
- Blue (98%)



- Cyan (58%)
- Magenta (2%)
- Yellow (0%)
- Black (2%)



- Cyan (59%)
- Magenta (5%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6878201 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 6878201 by changing the saturation by 10% instead.

 6878201

 6878201

16777215

 4511452

 11010047

 768705

 13041663

 40869

 15073279

 33931

 27506

 21081

 14914

 9772

 280

6878201

6878201

5239545

8516857

3600889

10155513

1962233

11794169

323577

13432825

61433

15005945

16644601

16775929

16776185

16776441

Harmonies

Analogous

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



8975315



6878201



7401471

Triad

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



6878201



16764415



16767383

Complementary

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



6878201



16346728

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.



16764327



6878201



16762347

Square

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



6878201



14080511



16762310



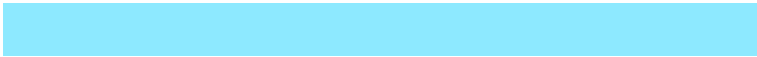
14542234

Rectangle

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



6878201



9300479



16762310



16766362

Sweetspot

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



6878201



13958655



6879597



6717056



0



8421504

Same Dimension

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



6878201



5110015



6860025



7371901



46525



15165

Inverse Universe

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



16345331



16731640



16364904



8220796



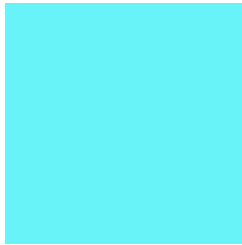
12386485



3997755

Previews

White Background



This preview shows how the Decimal color 6878201 looks on a white background.

Color Contrast Check

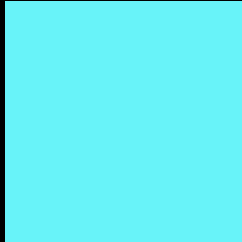
Large Text (above 18pt) WCAG AA × Fail

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 6878201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

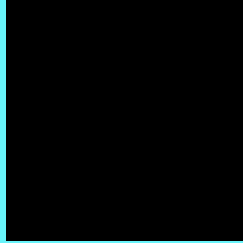
Any Text WCAG AA ✓ Pass

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 6878201 Background



This preview shows how black text looks on a background with the Decimal color 6878201.



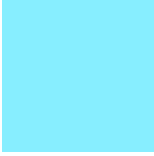
This preview shows how white text looks on a background with the Decimal color 6878201.

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



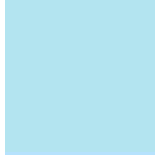


Tritanopia
8908543

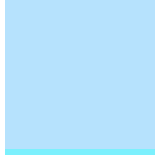
Trichromacy



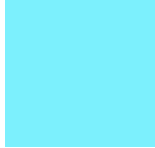
Original Color
6878201



Protanomaly
11789552



Deuteranomaly
11985661

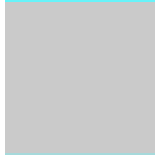


Tritanomaly
8188157

Monochromacy



Original Color
6878201



Achromatopsia
13290186



Achromatomaly
10934747

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6878201 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 #68F3F9 looks like.

```
.text, #text, p{  
    color:#68F3F9  
}
```

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 #68F3F9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68F3F9
}
```

Border

The CSS property to change the border of an element to Decimal 6878201 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
#68F3F9 }
```

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

```
.border{ border-color:#68F3F9 }
```

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

Here you see how a box with a 4 pixel #68F3F9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68F3F9; -webkit-box-shadow:4px 4px  
4px 4px #68F3F9; box-shadow:4px 4px 4px  
4px #68F3F9 }
```

Background

The CSS property to change the background color of an element to Decimal 6878201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68F3F9 }
```

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

```
.background{ background-color:#68F3F9 }
```

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