

Converting Colors

Decimal(7274478)

Have a look what the booklet for
Decimal(7274478) contains.

Decimal(7274478)	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(7274478)

Conversions

Conversions Part 1	
Format	Color
Hex	6EFFEE
RGB	110, 255, 238
RGB Percent	43%, 100%, 93%
CMY	0.5686, 0.0000, 0.0667
CMYK	0.57, 0.00, 0.07, 0.00
HSL	173°, 100%, 72%
HSV	173°, 57%, 100%
XYZ	57.6230, 81.0080, 93.4880
YIQ	209.7070, -80.9630, -36.0270

Conversions

Conversions Part 2

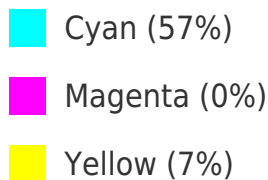
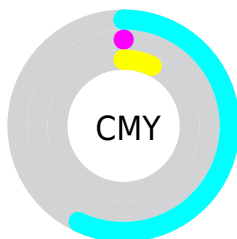
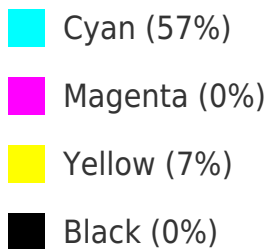
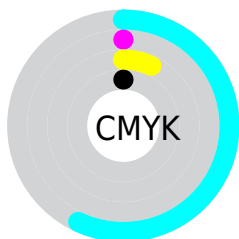
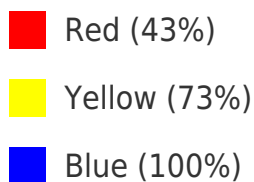
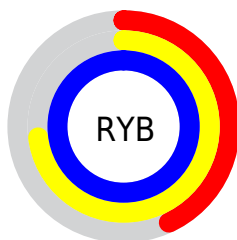
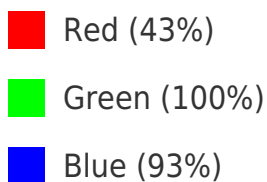
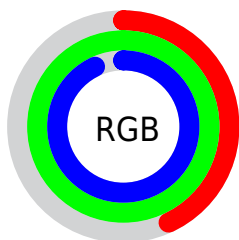
Format	Color
RYB	110, 187, 255
Decimal	7274478
CIELab	92.14, -42.92, -3.65
CIELCh	92, 43.078, 184.862
Yxy	81.0080, 0.2482, 0.3490
Android (android.graphics.Color)	4285464558 (0xFF6EFFEE)
YUV	209.7070, 13.9484, -87.4430
Hunter-Lab	90.0045, -43.2278, 1.4184

Details

The Decimal color **7274478** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **16739967**, and the grayscale version is **13816530**.

A 20% lighter version of the original color is **11403263**, and **2016950** is the 20% darker color. If you saturate the color by 10%, you get **5636075**, and if you desaturate by 10%, it is **8978417**.

Distribution



Brightness & Saturation Gradients

These gradients show how the Decimal color 7274478 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 7274478 by changing the saturation by 10% instead.

 7274478

 7274478

16777215

 5038802

 11403263

 2016950

 13369343

 43675

 15400959

 36737

 30056

 23376

 17209

 11300

 3855

 7274478

 7274478

 5636075

 8978417

 3932136

 10616820

 2228197

 12320759

 589794

 13959162

 65505

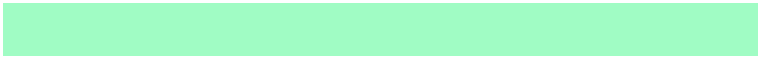
 15663101

16777215

Harmonies

Analogous

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



10550468



7274478



5504511

Triad

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



7274478



16243711



16767646

Complementary

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



7274478



16739967

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.



16764603



7274478



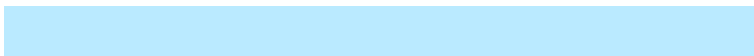
16764671

Square

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



7274478



12249855



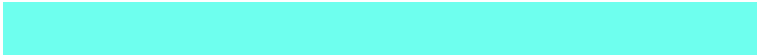
16763363



16705685

Rectangle

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



7274478



6748671



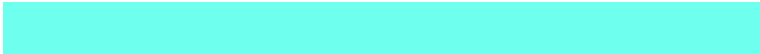
16763363



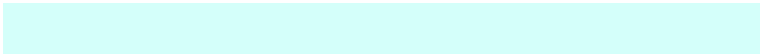
16766374

Sweetspot

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



7274478



13959162



8519534



6717565



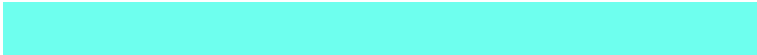
0



8421504

Same Dimension

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



7274478



5439467



7260927



7569534



49065



16440

Inverse Universe

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



16739967



16732774



16753518



8418164



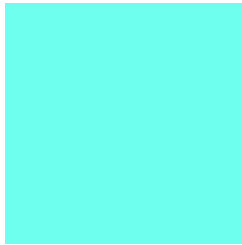
12517398



4194311

Previews

White Background



This preview shows how the Decimal color 7274478 looks on a white background.

Color Contrast Check

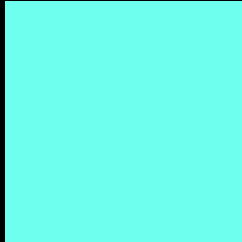
Large Text (above 18pt) WCAG AA × Fail

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 7274478 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 7274478 Background



This preview shows how black text looks on a background with the Decimal color 7274478.



This preview shows how white text looks on a background with the Decimal color 7274478.

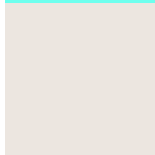
Color Blindness Simulation

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](#).

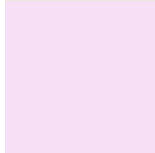
Dichromacy



Original Color
7274478



Protanopia
15525600



Deuteranopia
16244981

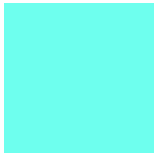
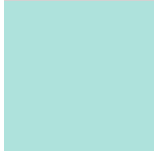


Tritanopia
11662079

Trichromacy

	Original Color 7274478
	Protanomaly 12513253
	Deuteranomaly 12970994
	Tritanomaly 10090489

Monochromacy

	Original Color 7274478
	Achromatopsia 13816530
	Achromatomaly 11461340

CSS Examples

Text

The CSS property to change the color of the text to Decimal 7274478 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 #6EFFEE looks like.

```
.text, #text, p{  
    color:#6EFFEE  
}
```

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 #6EFFFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6EFFFF
}
```

Border

The CSS property to change the border of an element to Decimal 7274478 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
#6EFFFF }
```

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

```
.border{ border-color:#6EFFEE }
```

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

Here you see how a box with a 4 pixel #6EFFEE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6EFFEE; -webkit-box-shadow:4px 4px  
4px 4px #6EFFEE; box-shadow:4px 4px 4px  
4px #6EFFEE }
```

Background

The CSS property to change the background color of an element to Decimal 7274478 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6EFFEE }
```

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

```
.background{ background-color:#6EFFEE }
```

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