

Converting Colors

Decimal(7011308)

Have a look what the booklet for
Decimal(7011308) contains.

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Color

Decimal(7011308)

Conversions

Conversions Part 1

Format	Color
Hex	6AFBEC
RGB	106, 251, 236
RGB Percent	42%, 98%, 93%
CMY	0.5843, 0.0157, 0.0745
CMYK	0.58, 0.00, 0.06, 0.02
HSL	174°, 95%, 70%
HSV	174°, 58%, 98%
XYZ	55.5814, 78.1147, 91.5051
YIQ	205.9350, -81.6050, -35.4050

Conversions

Conversions Part 2

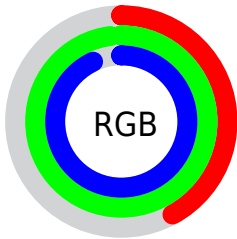
Format	Color
RYB	106, 182, 251
Decimal	7011308
CIELab	90.83, -42.36, -4.54
CIELCh	91, 42.607, 186.122
Yxy	78.1147, 0.2468, 0.3469
Android (android.graphics.Color)	4285201388 (0xFF6AFBEC)
YUV	205.9350, 14.8220, -87.6430
Hunter-Lab	88.3825, -42.4156, 0.4830

Details

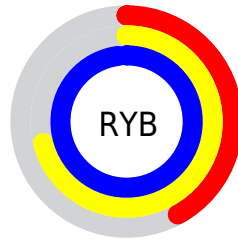
The Decimal color **7011308** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **16476793**, and the grayscale version is **13553358**.

A 20% lighter version of the original color is **11141119**, and **1360564** is the 20% darker color. If you saturate the color by 10%, you get **5372905**, and if you desaturate by 10%, it is **8649711**.

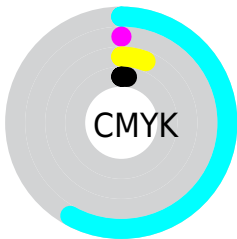
Distribution



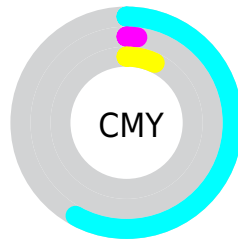
- Red (42%)
- Green (98%)
- Blue (93%)



- Red (42%)
- Yellow (71%)
- Blue (98%)



- Cyan (58%)
- Magenta (0%)
- Yellow (6%)
- Black (2%)



- Cyan (58%)
- Magenta (2%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7011308 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 7011308 by changing the saturation by 10% instead.

 7011308


 7011308

16777215

 4710096

 11141119

 1360564

 13172735

 42650

 15204351


 35712

 29031

 22607

 16184

 10787

 1550

■ 7011308

■ 7011308

■ 5372905

■ 8649711

■ 3734503

■ 10288113

■ 2096100

■ 11926516

■ 457698

■ 13564918

■ 64481

■ 15203321

■ 16776188

■ 16776190

■ 16776191

Harmonies

Analogous

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



10221762



7011308



5372415

Triad

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



7011308



16111615



16766875

Complementary

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



7011308



16476793

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.



16763831



7011308



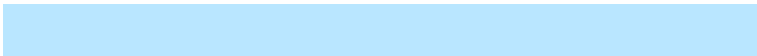
16763647

Square

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



7011308



12183295



16762334



16311699

Rectangle

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



7011308



6747647



16762334



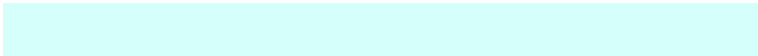
16765602

Sweetspot

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



7011308



13959163



8125290



6717565



0



8421504

Same Dimension

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



7011308



5242861



6996987



7372156



48553



15671

Inverse Universe

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



16476793



16732001



16491114



8220786



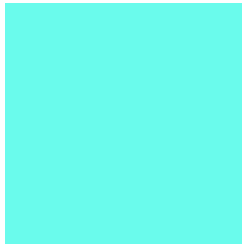
12386324



3997702

Previews

White Background



This preview shows how the Decimal color 7011308 looks on a white background.

Color Contrast Check

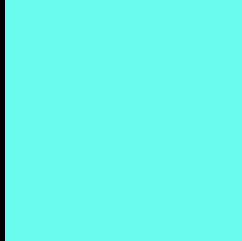
Large Text (above 18pt) WCAG AA × Fail

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 7011308 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

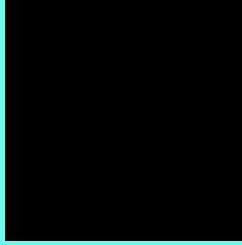
Any Text WCAG AA ✓ Pass

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 7011308 Background



This preview shows how black text looks on a background with the Decimal color 7011308.



This preview shows how white text looks on a background with the Decimal color 7011308.

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





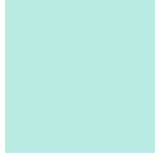
Tritanopia
10678783

Trichromacy



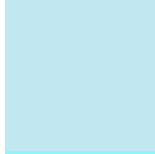
Original Color

7011308



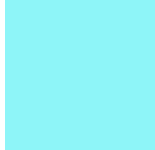
Protanomaly

12250083



Deuteranomaly

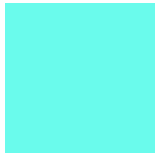
12707824



Tritanomaly

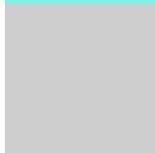
9369080

Monochromacy



Original Color

7011308



Achromatopsia

13553358



Achromatomaly

11198169

CSS Examples

Text

The CSS property to change the color of the text to Decimal 7011308 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 #6AFBEC looks like.

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

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 #6AFBEC colored shadow looks like.

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

Border

The CSS property to change the border of an element to Decimal 7011308 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
#6AFBEC }
```

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

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

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

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

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

Background

The CSS property to change the background color of an element to Decimal 7011308 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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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