

Converting Colors

Decimal(6282739)

Have a look what the booklet for
Decimal(6282739) contains.

Decimal(6282739)	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(6282739)

Conversions

Conversions Part 1

Format	Color
Hex	5FDDF3
RGB	95, 221, 243
RGB Percent	37%, 87%, 95%
CMY	0.6275, 0.1333, 0.0471
CMYK	0.61, 0.09, 0.00, 0.05
HSL	189°, 86%, 66%
HSV	189°, 61%, 95%
XYZ	46.7534, 60.6169, 94.0301
YIQ	185.8340, -82.1580, -19.8700

Conversions

Conversions Part 2

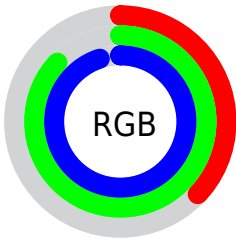
Format	Color
RYB	95, 163, 243
Decimal	6282739
CIELab	82.17, -28.46, -21.20
CIElCh	82, 35.487, 216.675
Yxy	60.6169, 0.2321, 0.3010
Android (android.graphics.Color)	4284472819 (0xFF5FDDDF3)
YUV	185.8340, 28.1828, -79.6614
Hunter-Lab	77.8568, -29.0593, -17.1066

Details

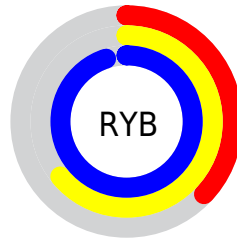
The Decimal color **6282739** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **15955295**, and the grayscale version is **12237498**.

A 20% lighter version of the original color is **10420223**, and **42683** is the 20% darker color. If you saturate the color by 10%, you get **4708851**, and if you desaturate by 10%, it is **7856627**.

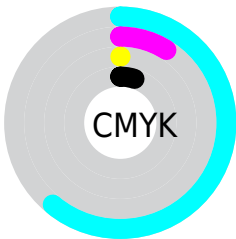
Distribution



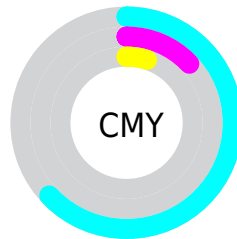
- Red (37%)
- Green (87%)
- Blue (95%)



- Red (37%)
- Yellow (64%)
- Blue (95%)



- Cyan (61%)
- Magenta (9%)
- Yellow (0%)
- Black (5%)



- Cyan (63%)
- Magenta (13%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6282739 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 6282739 by changing the saturation by 10% instead.

 6282739

 6282739

16777215

 3916247

 10420223

 42683

 12451839

 35744

 14417919

 29062

 16449535

 22636

 16468

 10813

 4135

 273

6282739

6282739

4708851

7856627

3069683

9495795

1495795

11069683

53235

12643315

14217203

15856627

16774899

16775923

16776947

Harmonies

Analogous

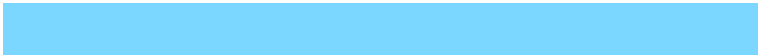
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



7200723



6282739



8116223

Triad

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



6282739



16627687



14470538

Complementary

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



6282739



15955295

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.



16433552



6282739



16757702

Square

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



6282739



14402047



16758950



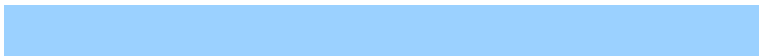
12113558

Rectangle

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



6282739



10211839



16758950



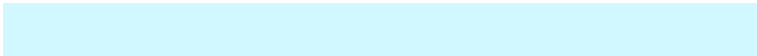
15190410

Sweetspot

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



6282739



13760767



6288243



6519680



0



8421504

Same Dimension

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



6282739



4580351



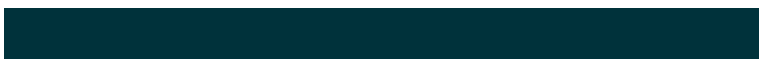
6264307



7240058



40634



12859

Inverse Universe

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



15949789



16729571



15973727



8023673



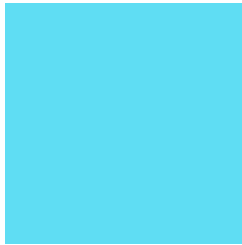
12189854



3866674

Previews

White Background



This preview shows how the Decimal color 6282739 looks on a white background.

Color Contrast Check

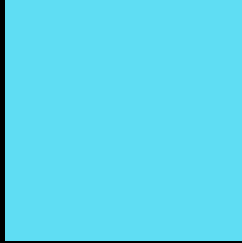
Large Text (above 18pt) WCAG AA × Fail

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 6282739 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 6282739 Background



This preview shows how black text looks on a background with the Decimal color 6282739.



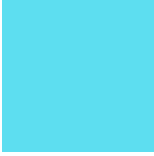
This preview shows how white text looks on a background with the Decimal color 6282739.

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](#).

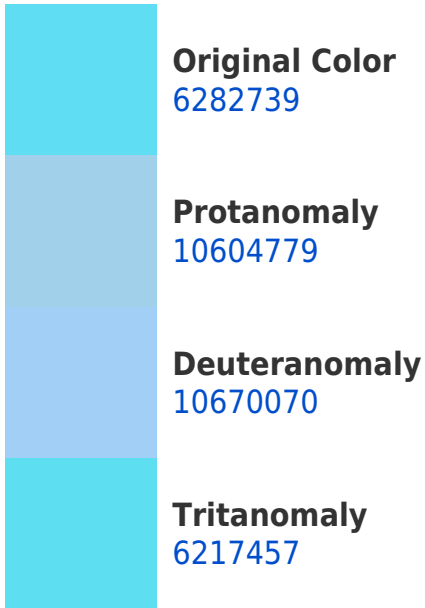
Dichromacy



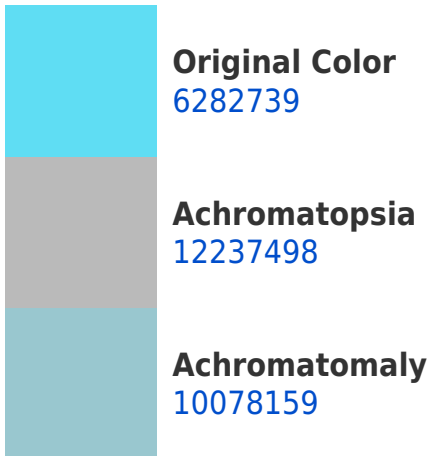


Tritanopia
6151920

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 6282739 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 #5FDDF3 looks like.

```
.text, #text, p{  
    color:#5FDDF3  
}
```

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 #5FDDF3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5FDDF3
}
```

Border

The CSS property to change the border of an element to Decimal 6282739 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
#5FDDF3 }
```

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

```
.border{ border-color:#5FDDF3 }
```

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

Here you see how a box with a 4 pixel #5FDDF3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5FDDF3; -webkit-box-shadow:4px 4px  
4px 4px #5FDDF3; box-shadow:4px 4px 4px  
4px #5FDDF3 }
```

Background

The CSS property to change the background color of an element to Decimal 6282739 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5FDDF3 }
```

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

```
.background{ background-color:#5FDDF3 }
```

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