

Converting Colors

Decimal(6280936)

Have a look what the booklet for
Decimal(6280936) contains.

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Color

Decimal(6280936)

Conversions

Conversions Part 1

Format	Color
Hex	5FD6E8
RGB	95, 214, 232
RGB Percent	37%, 84%, 91%
CMY	0.6275, 0.1608, 0.0902
CMYK	0.59, 0.08, 0.00, 0.09
HSL	188°, 75%, 64%
HSV	188°, 59%, 91%
XYZ	43.3314, 56.3522, 84.9372
YIQ	180.4710, -76.7020, -19.6300

Conversions

Conversions Part 2

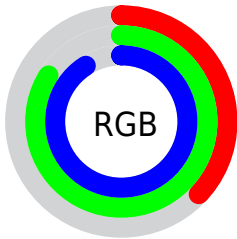
Format	Color
R _Y B	95, 159, 232
Decimal	6280936
CIE Lab	79.81, -28.17, -18.91
CIE LCh	80, 33.931, 213.877
Yxy	56.3522, 0.2347, 0.3052
Android (android.graphics.Color)	4284471016 (0xFF5FD6E8)
YUV	180.4710, 25.4038, -74.9581
Hunter-Lab	75.0681, -28.3341, -14.5371

Details

The Decimal color **6280936** 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 **15233375**, and the grayscale version is **11842740**.

A 20% lighter version of the original color is **10354687**, and **40880** is the 20% darker color. If you saturate the color by 10%, you get **4772840**, and if you desaturate by 10%, it is **7789032**.

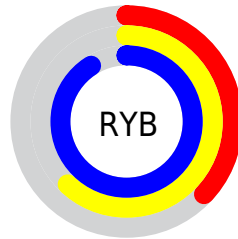
Distribution



Red (37%)

Green (84%)

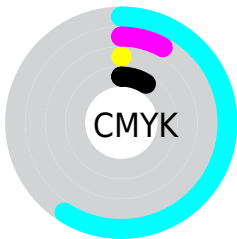
Blue (91%)



Red (37%)

Yellow (62%)

Blue (91%)

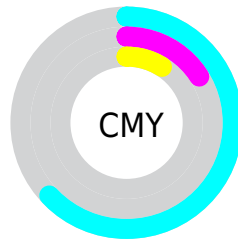


Cyan (59%)

Magenta (8%)

Yellow (0%)

Black (9%)



Cyan (63%)

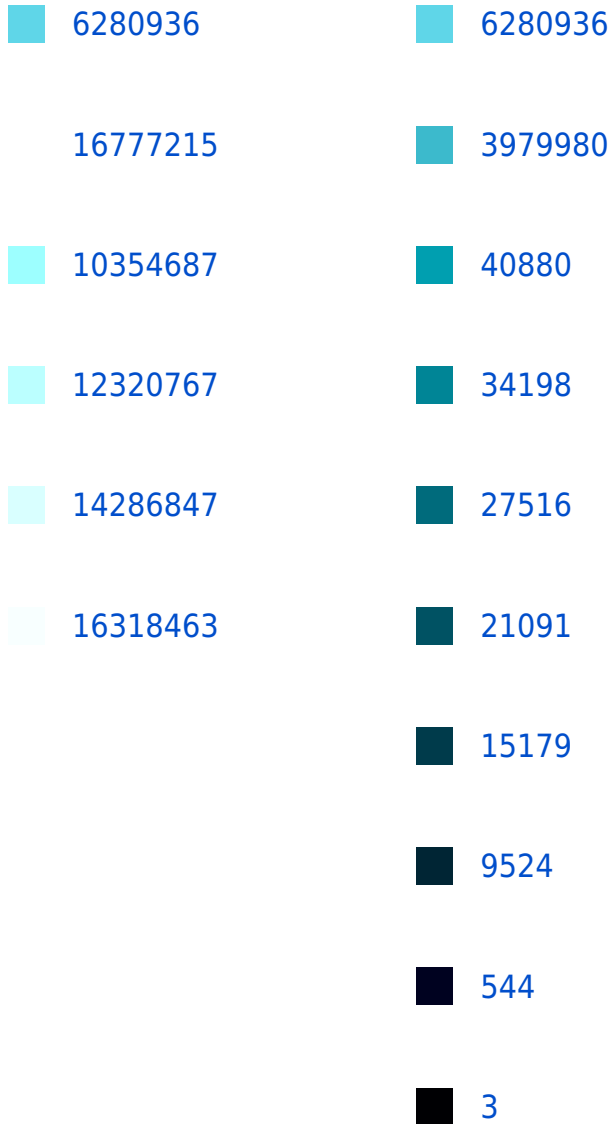
Magenta (16%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6280936 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 6280936 by changing the saturation by 10% instead.



■ 6280936

■ 6280936

■ 4772840

■ 7789032

■ 3264744

■ 9297128

■ 1691112

■ 10870760

■ 183016

■ 12378856

■ 51944

■ 13886952

■ 15395048

■ 16772072

■ 16772840

■ 16773608

Harmonies

Analogous

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



7329737



6280936



7721470

Triad

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



6280936



15905506



14206343

Complementary

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



6280936



1523375

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.



15973006



6280936



16756419

Square

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



6280936



13679866



16757156



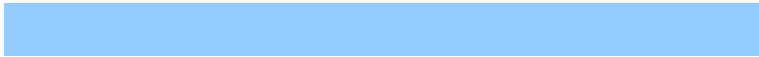
11980689

Rectangle

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



6280936



9686015



16757156



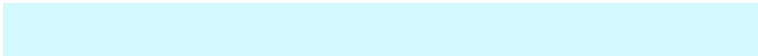
14860935

Sweetspot

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



6280936



13761023



6285423



6519936



0



8421504

Same Dimension

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



6280936



4909055



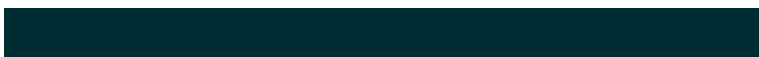
6264040



6779251



39859



11315

Inverse Universe

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



15228886



16730855



15250271



7563121



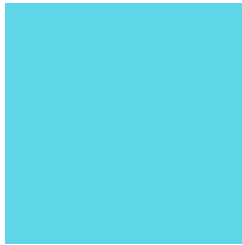
11731099



3342380

Previews

White Background



This preview shows how the Decimal color 6280936 looks on a white background.

Color Contrast Check

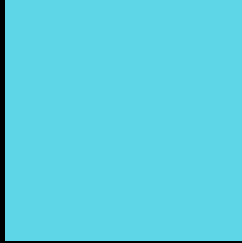
Large Text (above 18pt) WCAG AA × Fail

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 6280936 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

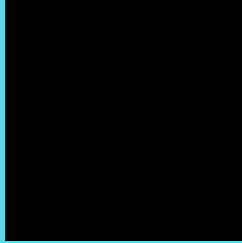
Any Text WCAG AA ✓ Pass

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 6280936 Background



This preview shows how black text looks on a background with the Decimal color 6280936.



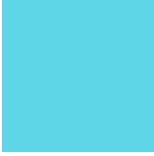
This preview shows how white text looks on a background with the Decimal color 6280936.

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](#).

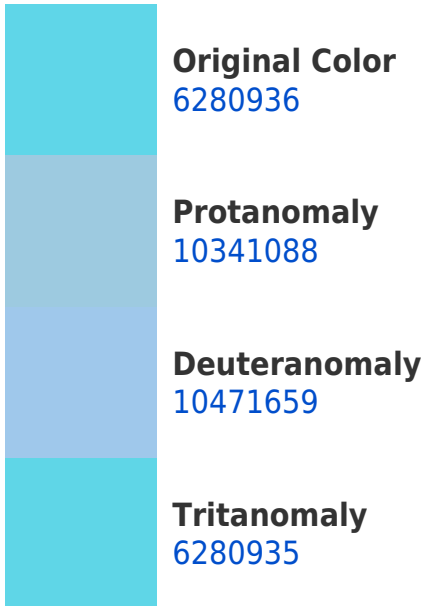
Dichromacy





Tritanopia
6280935

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 6280936 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 #5FD6E8 looks like.

```
.text, #text, p{  
    color:#5FD6E8  
}
```

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 #5FD6E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5FD6E8
}
```

Border

The CSS property to change the border of an element to Decimal 6280936 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
#5FD6E8 }
```

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

```
.border{ border-color:#5FD6E8 }
```

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

Here you see how a box with a 4 pixel #5FD6E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5FD6E8; -webkit-box-shadow:4px 4px  
4px 4px #5FD6E8; box-shadow:4px 4px 4px  
4px #5FD6E8 }
```

Background

The CSS property to change the background color of an element to Decimal 6280936 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5FD6E8 }
```

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

```
.background{ background-color:#5FD6E8 }
```

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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