

Converting Colors

Decimal(6280665)

Have a look what the booklet for
Decimal(6280665) contains.

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Color

Decimal(6280665)

Conversions

Conversions Part 1

Format	Color
Hex	5FD5D9
RGB	95, 213, 217
RGB Percent	37%, 84%, 85%
CMY	0.6275, 0.1647, 0.1490
CMYK	0.56, 0.02, 0.00, 0.15
HSL	182°, 62%, 61%
HSV	182°, 56%, 85%
XYZ	41.0379, 55.0311, 74.1048
YIQ	178.1740, -71.6120, -23.7720

Conversions

Conversions Part 2

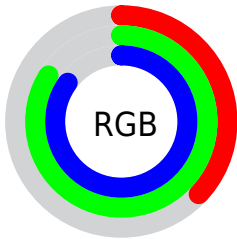
Format	Color
RYB	95, 155, 217
Decimal	6280665
CIELab	79.06, -31.83, -12.03
CIElCh	79, 34.027, 200.702
Yxy	55.0311, 0.2412, 0.3234
Android (android.graphics.Color)	4284470745 (0xFF5FD5D9)
YUV	178.1740, 19.1412, -72.9436
Hunter-Lab	74.1830, -31.0742, -7.2994

Details

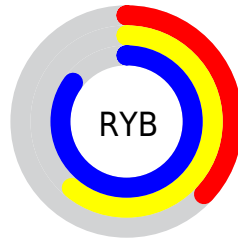
The Decimal color **6280665** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **14246751**, and the grayscale version is **11711154**.

A 20% lighter version of the original color is **10289151**, and **695970** is the 20% darker color. If you saturate the color by 10%, you get **4838617**, and if you desaturate by 10%, it is **7722713**.

Distribution



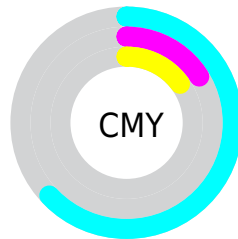
- Red (37%)
- Green (84%)
- Blue (85%)



- Red (37%)
- Yellow (61%)
- Blue (85%)



- Cyan (56%)
- Magenta (2%)
- Yellow (0%)
- Black (15%)



- Cyan (63%)
- Magenta (16%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6280665 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 6280665 by changing the saturation by 10% instead.

6280665

6280665

16777215

4110781

10289151

695970

12255231

33672

14221311

27247

16187391

20822

14655

9513

277

0

■ 6280665

■ 6280665

■ 4838617

■ 7722713

■ 3462361

■ 9098969

■ 2020313

■ 10541017

■ 578265

■ 11983065

■ 53977

■ 13359577

■ 14801369

■ 16243417

■ 16767961

Harmonies

Analogous

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



8050104



6280665



6607348

Triad

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



6280665



14922988



14925445

Complementary

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



6280665



14246751

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.



16430228



6280665



16559567

Square

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



6280665



12238847



16756143



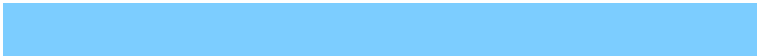
12831112

Rectangle

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



6280665



8179199



16756143



15514505

Sweetspot

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



6280665



13958911



6281569



6717312



0



8421504

Same Dimension

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



6280665



5569023



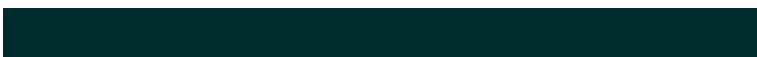
6265561



6516078



43181



11310

Inverse Universe

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



14245845



16733433



14261855



7234413



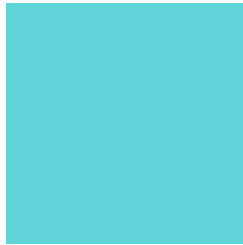
11337896



3014700

Previews

White Background



This preview shows how the Decimal color 6280665 looks on a white background.

Color Contrast Check

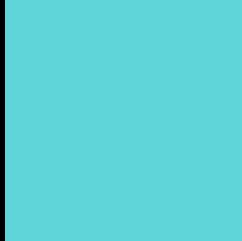
Large Text (above 18pt) WCAG AA × Fail

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 6280665 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 6280665 Background



This preview shows how black text looks on a background with the Decimal color 6280665.



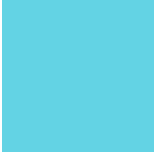
This preview shows how white text looks on a background with the Decimal color 6280665.

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
6542308

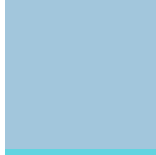
Trichromacy



Original Color
6280665



Protanomaly
10471633



Deuteranomaly
10667740

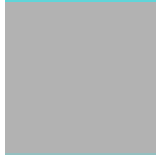


Tritanomaly
6477024

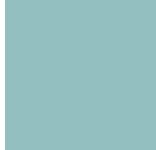
Monochromacy



Original Color
6280665



Achromatopsia
11711154



Achromatomaly
9748416

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6280665 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 #5FD5D9 looks like.

```
.text, #text, p{  
    color:#5FD5D9  
}
```

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 #5FD5D9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5FD5D9
}
```

Border

The CSS property to change the border of an element to Decimal 6280665 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
#5FD5D9 }
```

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

```
.border{ border-color:#5FD5D9 }
```

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

Here you see how a box with a 4 pixel #5FD5D9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5FD5D9; -webkit-box-shadow:4px 4px  
4px 4px #5FD5D9; box-shadow:4px 4px 4px  
4px #5FD5D9 }
```

Background

The CSS property to change the background color of an element to Decimal 6280665 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5FD5D9 }
```

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

```
.background{ background-color:#5FD5D9 }
```

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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