

Converting Colors

Hex(56D2E8)

Have a look what the booklet for
Hex(56D2E8) contains.

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Color

Hex(56D2E8)

Conversions

Conversions Part 1

Format	Color
Hex	56D2E8
RGB	86, 210, 232
RGB Percent	34%, 82%, 91%
CMY	0.6627, 0.1765, 0.0902
CMYK	0.63, 0.09, 0.00, 0.09
HSL	189°, 76%, 62%
HSV	189°, 63%, 91%
XYZ	41.4498, 53.8978, 84.5626
YIQ	175.4320, -80.9660, -19.4460

Conversions

Conversions Part 2

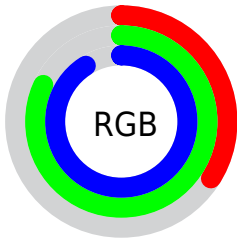
Format	Color
RYB	86, 153, 232
Decimal	5690088
CIELab	78.40, -27.74, -21.08
CIELCh	78, 34.837, 217.229
Yxy	53.8978, 0.2304, 0.2996
Android (android.graphics.Color)	4283880168 (0xFF56D2E8)
YUV	175.4320, 27.8880, -78.4319
Hunter-Lab	73.4151, -27.6962, -16.9021

Details

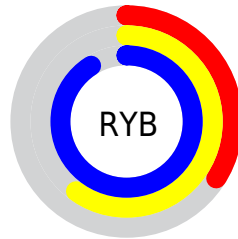
The Hex color **56D2E8** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **E8C56**, and the grayscale version is **AFAF AF**.

A 20% lighter version of the original color is **96FFFF**, and **009BB0** is the 20% darker color. If you saturate the color by 10%, you get **3FCFE8**, and if you desaturate by 10%, it is **6DD5E8**.

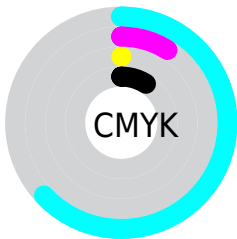
Distribution



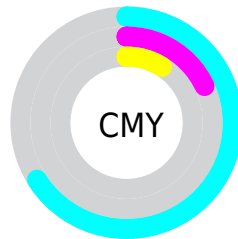
- Red (34%)
- Green (82%)
- Blue (91%)



- Red (34%)
- Yellow (60%)
- Blue (91%)



- Cyan (63%)
- Magenta (9%)
- Yellow (0%)
- Black (9%)



- Cyan (66%)
- Magenta (18%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 56D2E8 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 Hex color 56D2E8 by changing the saturation by 10% instead.

 56D2E8

 56D2E8

FFFFFF

 30B6CC

 96FFFF

 009BB0

 B4FFFF

 008196

 D2FFFF

 00677C

 F1FFFF

 004F63

 00384B

 002334

 00021F

 000003

 56D2E8

 56D2E8

 3FCFE8

 6DD5E8

 28CBE8

 84D9E8

 10C8E8

 9CDCE8

 00C5E8

 B3E0E8

 CAE3E8

 E1E7E8

 F8EAE8

 FFEEE8

 FFF1E8

Harmonies

Analogous

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



64D4C9



56D2E8



72CCFD

Triad

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



56D2E8



F2ADDC



D1C281

Complementary

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



56D2E8



E86C56

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.



EDB787



56D2E8



FFAABB

Square

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



56D2E8



D0B7F6



FFAE9C



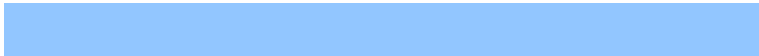
ADCC8E

Rectangle

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



56D2E8



92C6FF



FFAE9C



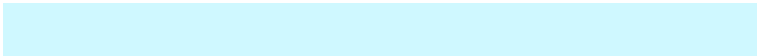
DBBF81

Sweetspot

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



56D2E8



CFF8FF



56E86C



627B80



000000



808080

Same Dimension

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



56D2E8



3DE2FF



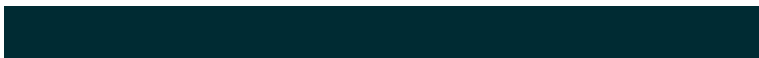
5689E8



677173



0098B3



002B33

Inverse Universe

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



E856D2



FF3DE2



E8B556



736771



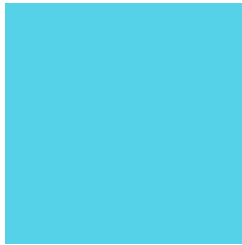
B30098



33002B

Previews

White Background



This preview shows how the Hex color 56D2E8 looks on a white background.

Color Contrast Check

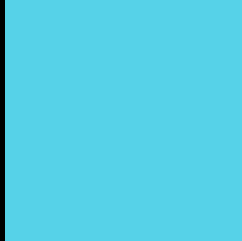
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 56D2E8 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](#).

Hex 56D2E8 Background



This preview shows how black text looks on a background with the Hex color 56D2E8.

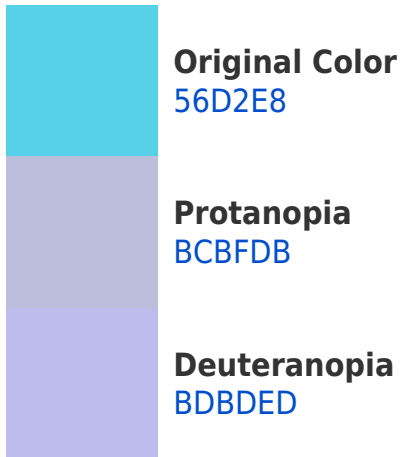


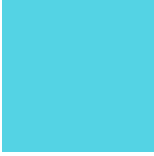
This preview shows how white text looks on a background with the Hex color 56D2E8.

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](#).

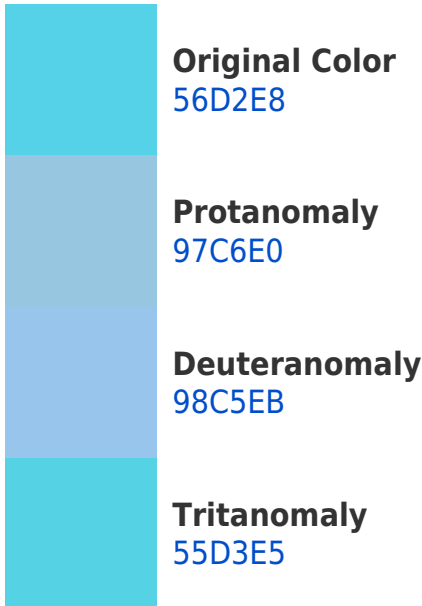
Dichromacy



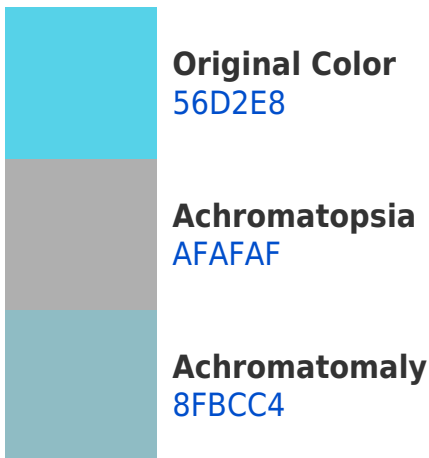


Tritanopia
54D3E4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 56D2E8 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 #56D2E8 looks like.

```
.text, #text, p{  
    color:#56D2E8  
}
```

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 #56D2E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #56D2E8
}
```

Border

The CSS property to change the border of an element to Hex 56D2E8 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
#56D2E8 }
```

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

```
.border{ border-color:#56D2E8 }
```

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

Here you see how a box with a 4 pixel #56D2E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #56D2E8; -webkit-box-shadow:4px 4px  
4px 4px #56D2E8; box-shadow:4px 4px 4px  
4px #56D2E8 }
```

Background

The CSS property to change the background color of an element to Hex 56D2E8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#56D2E8 }
```

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

```
.background{ background-color:#56D2E8 }
```

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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