

Converting Colors

Hex(27B4D8)

Have a look what the booklet for
Hex(27B4D8) contains.

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Color

Hex(27B4D8)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 27B4D8 |
| RGB | 39, 180, 216 |
| RGB Percent | 15%, 71%, 85% |
| CMY | 0.8471, 0.2941, 0.1529 |
| CMYK | 0.82, 0.17, 0.00, 0.15 |
| HSL | 192°, 69%, 50% |
| HSV | 192°, 82%, 85% |
| XYZ | 29.5526, 38.0317, 70.7490 |
| YIQ | 141.9450, -95.5920, -18.6960 |

Conversions

Conversions Part 2

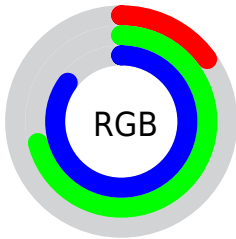
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 39, 117, 216 |
| Decimal | 2602200 |
| CIELab | 68.04, -23.53, -28.32 |
| CIELCh | 68, 36.821, 230.286 |
| Yxy | 38.0317, 0.2136, 0.2749 |
| Android (android.graphics.Color) | 4280792280 (0xFF27B4D8) |
| YUV | 141.9450, 36.5091, -90.2828 |
| Hunter-Lab | 61.6699, -22.3838, -24.8499 |

Details

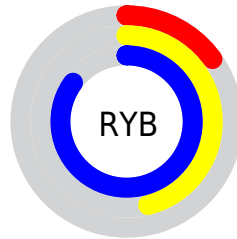
The Hex color **27B4D8** is a dark color, and the websafe version is hex **33CCFF**. The color can be described as middle washed azure. A complement of this color would be **D84B27**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **74ECFF**, and **007FA1** is the 20% darker color. If you saturate the color by 10%, you get **11B0D8**, and if you desaturate by 10%, it is **3DB8D8**.

Distribution



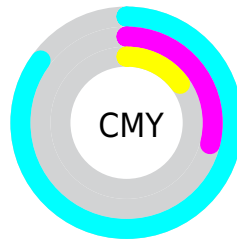
- Red (15%)
- Green (71%)
- Blue (85%)



- Red (15%)
- Yellow (46%)
- Blue (85%)



- Cyan (82%)
- Magenta (17%)
- Yellow (0%)
- Black (15%)



- Cyan (85%)
- Magenta (29%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 27B4D8 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 27B4D8 by changing the saturation by 10% instead.

 27B4D8

 27B4D8


FFFFFF

 0099BC

 74ECFF

 007FA1

 93FFFF

 006687

 B2FFFF

 004D6D

 D1FFFF

 003655

 F0FFFF

 00223D

 000328

 000111

 000000

■ 27B4D8

■ 27B4D8

■ 11B0D8

■ 3DB8D8

■ 00ACD8

■ 52BDD8

■ 68C1D8

■ 7DC6D8

■ 93CAD8

■ A9CED8

■ BED3D8

■ D4D7D8

■ E9DCD8

Harmonies

Analogous

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



23B7BC



27B4D8



63ACE7

Triad

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



27B4D8



DF8DB2



A5AB66

Complementary

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



27B4D8



D84B27

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.



C5A064



27B4D8



E78D90

Square

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



27B4D8



C595D1



DD9574



7FB37A

Rectangle

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



27B4D8



89A5E7



DD9574



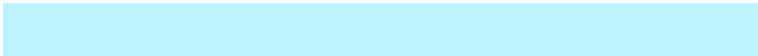
B1A864

Sweetspot

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



27B4D8



BFF2FF



27D84A



597880



000000



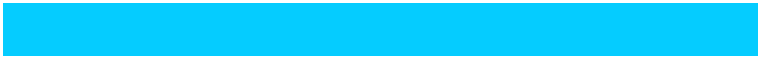
808080

Same Dimension

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



27B4D8



05CCFF



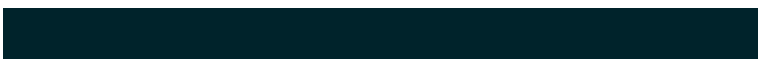
275CD8



60696B



0088AB



00232B

Inverse Universe

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



D827B4



FF05CC



D8A327



6B6069



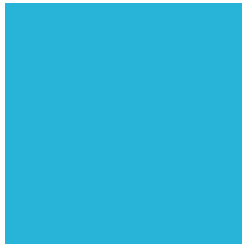
AB0088



2B0023

Previews

White Background



This preview shows how the Hex color 27B4D8 looks on a white background.

Color Contrast Check

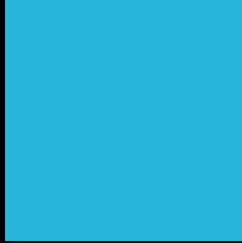
Large Text (above 18pt) WCAG AA × Fail

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 27B4D8 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 27B4D8 Background



This preview shows how black text looks on a background with the Hex color 27B4D8.

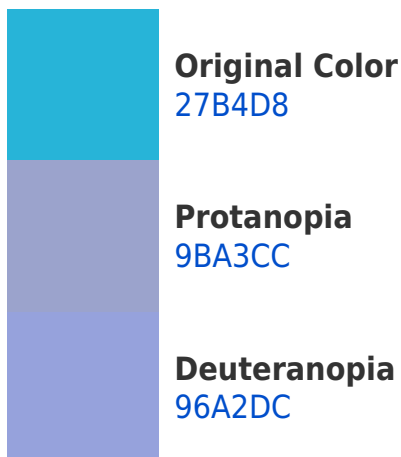


This preview shows how white text looks on a background with the Hex color 27B4D8.

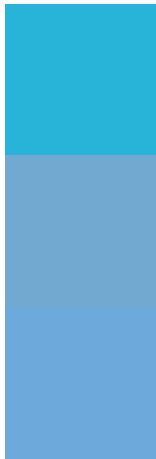
Color Blindness Simulation

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



Trichromacy

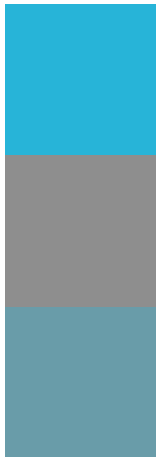


Original Color
27B4D8

Protanomaly
71A9D0

Deuteranomaly
6EA9DB

Monochromacy



Original Color
27B4D8

Achromatopsia
8E8E8E

Achromatomaly
699CA9

CSS Examples

Text

The CSS property to change the color of the text to Hex 27B4D8 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 #27B4D8 looks like.

```
.text, #text, p{  
    color:#27B4D8  
}
```

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 #27B4D8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #27B4D8
}
```

Border

The CSS property to change the border of an element to Hex 27B4D8 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
#27B4D8 }
```

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

```
.border{ border-color:#27B4D8 }
```

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

Here you see how a box with a 4 pixel #27B4D8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #27B4D8; -webkit-box-shadow:4px 4px  
4px 4px #27B4D8; box-shadow:4px 4px 4px  
4px #27B4D8 }
```

Background

The CSS property to change the background color of an element to Hex 27B4D8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#27B4D8 }
```

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

```
.background{ background-color:#27B4D8 }
```

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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