

# Converting Colors

Hex(27D1B2)

Have a look what the booklet for  
Hex(27D1B2) contains.

<b>Hex(27D1B2)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(27D1B2)

# Conversions

## Conversions Part 1

Format	Color
Hex	27D1B2
RGB	39, 209, 178
RGB Percent	15%, 82%, 70%
CMY	0.8471, 0.1804, 0.3020
CMYK	0.81, 0.00, 0.15, 0.18
HSL	169°, 69%, 49%
HSV	169°, 81%, 82%
XYZ	31.6730, 49.2466, 49.9557
YIQ	154.6360, -91.3690, -45.6810

# Conversions

## Conversions Part 2

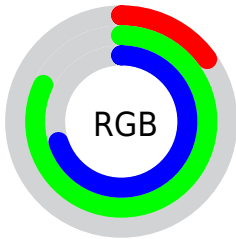
Format	Color
R <sub>Y</sub> B	39, 133, 209
Decimal	2609586
CIE Lab	75.60, -48.20, 3.68
CIE LCh	76, 48.341, 175.629
Yxy	49.2466, 0.2420, 0.3763
Android (android.graphics.Color)	4280799666 (0xFF27D1B2)
YUV	154.6360, 11.5185, -101.4128
Hunter-Lab	70.1759, -42.2441, 6.9168

# Details

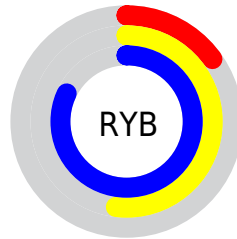
The Hex color **27D1B2** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle washed spring green. A complement of this color would be **D12746**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **74FFEA**, and **00997D** is the 20% darker color. If you saturate the color by 10%, you get **12D1AE**, and if you desaturate by 10%, it is **3CD1B6**.

# Distribution



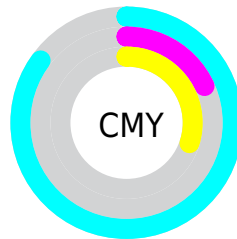
- Red (15%)
- Green (82%)
- Blue (70%)



- Red (15%)
- Yellow (52%)
- Blue (82%)



- Cyan (81%)
- Magenta (0%)
- Yellow (15%)
- Black (18%)



- Cyan (85%)
- Magenta (18%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 27D1B2 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 27D1B2 by changing the saturation by 10% instead.



 27D1B2

 27D1B2

FFFFFF

 00B597

 74FFEA

 00997D

 93FFFF

 007F65

 B2FFFF

 00654D

 D1FFFF

 004C36

 F0FFFF

 003421

 001C0A

 000000

 27D1B2

 27D1B2

■ 12D1AE

■ 3CD1B6

■ 00D1AB

■ 51D1BA

■ 66D1BD

■ 7BD1C1

■ 90D1C5

■ A4D1C9

■ B9D1CD

■ CED1D0

■ E3D1D4

# Harmonies

## Analogous

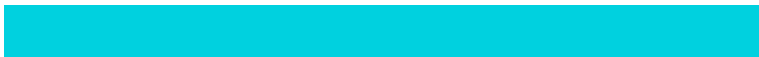
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



7ACC86



27D1B2



00D1DF

# Triad

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



27D1B2



B4B1FF



FDA672

# Complementary

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



27D1B2



D12746

# 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.



FF9996



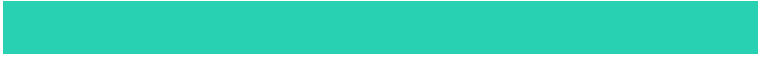
27D1B2



ECA1ED

# Square

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



27D1B2



62C1FF



FF96C3



DCB560

# Rectangle

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



27D1B2



00CEF9



FF96C3



FFA17C

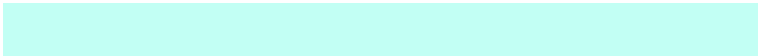


# Sweetspot

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



27D1B2



C2FFF4



46D127



5B8079



000000



808080



# Same Dimension

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



27D1B2



05FFD1



279BD1



5E6967



00A88A



002921



# Inverse Universe

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



D12746



FF0533



D15D27



695E60



A8001F

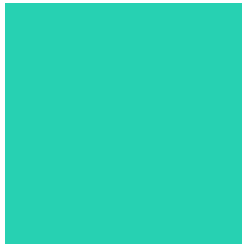


290007



# Previews

## White Background



This preview shows how the Hex color 27D1B2 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 27D1B2 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

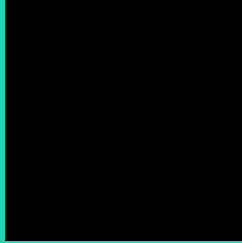
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

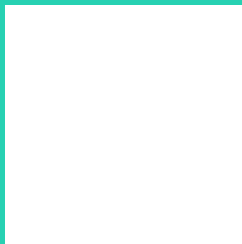
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 27D1B2 Background



This preview shows how black text looks on a background with the Hex color 27D1B2.



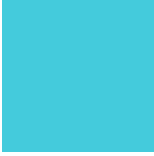
This preview shows how white text looks on a background with the Hex color 27D1B2.

# 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**  
44CBDC

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 27D1B2 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 #27D1B2 looks like.

```
.text, #text, p{  
    color:#27D1B2  
}
```

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 #27D1B2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #27D1B2
}
```

## Border

The CSS property to change the border of an element to Hex 27D1B2 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
#27D1B2 }
```

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

```
.border{ border-color:#27D1B2 }
```

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

Here you see how a box with a 4 pixel #27D1B2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #27D1B2; -webkit-box-shadow:4px 4px  
4px 4px #27D1B2; box-shadow:4px 4px 4px  
4px #27D1B2 }
```

# Background

The CSS property to change the background color of an element to Hex 27D1B2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#27D1B2 }
```

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

```
.background{ background-color:#27D1B2 }
```

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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