

Converting Colors

Hex(27C32D)

Have a look what the booklet for
Hex(27C32D) contains.

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Color

Hex(27C32D)

Conversions

Conversions Part 1

Format	Color
Hex	27C32D
RGB	39, 195, 45
RGB Percent	15%, 76%, 18%
CMY	0.8471, 0.2353, 0.8235
CMYK	0.80, 0.00, 0.77, 0.24
HSL	122°, 67%, 46%
HSV	122°, 80%, 76%
XYZ	20.8255, 39.6510, 9.0384
YIQ	131.2560, -44.8260, -79.7220

Conversions

Conversions Part 2

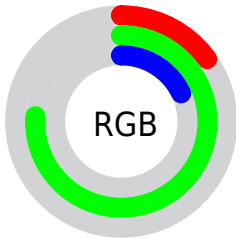
Format	Color
RYB	39, 189, 195
Decimal	2605869
CIELab	69.22, -65.90, 59.69
CIElCh	69, 88.909, 137.831
Yxy	39.6510, 0.2996, 0.5704
Android (android.graphics.Color)	4280795949 (0xFF27C32D)
YUV	131.2560, -42.5242, -80.9085
Hunter-Lab	62.9690, -51.1614, 35.5680

Details

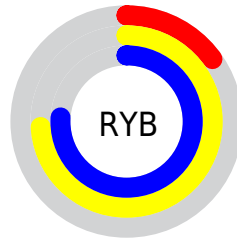
The Hex color **27C32D** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark muted green. A complement of this color would be **C327BD**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **71FD66**, and **008C00** is the 20% darker color. If you saturate the color by 10%, you get **13C31A**, and if you desaturate by 10%, it is **3BC340**.

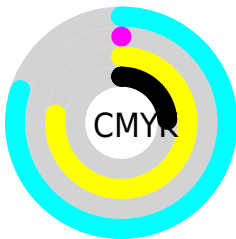
Distribution



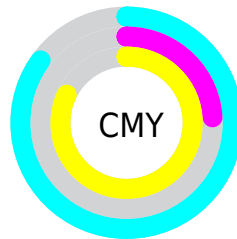
- Red (15%)
- Green (76%)
- Blue (18%)



- Red (15%)
- Yellow (74%)
- Blue (76%)



- Cyan (80%)
- Magenta (0%)
- Yellow (77%)
- Black (24%)



- Cyan (85%)
- Magenta (24%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 27C32D 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 27C32D by changing the saturation by 10% instead.

 27C32D

 27C32D

FFFFFF

 00A703

 71FD66

 008C00

 90FF81

 007100

 AFFF9D

 005700

 CEFFB9

 003E00

 ECFFD6

 002600

 FFFFF3

 000000

 27C32D

 27C32D

 13C31A

 3BC340

 00C307

 4EC352

 62C365

 75C378

 88C38B

 9CC39E

 B0C3B0

 C3C3C3

 D7C3D6

Harmonies

Analogous

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



9EB400



27C32D



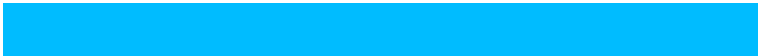
00CA84

Triad

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



27C32D



00BCFF



FF4D7D

Complementary

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



27C32D



C327BD

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.



FF4FCD



27C32D



46A2FF

Square

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



27C32D



00C9FF



E77AFF



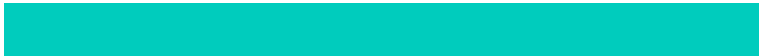
FF742F

Rectangle

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



27C32D



00CCBD



E77AFF



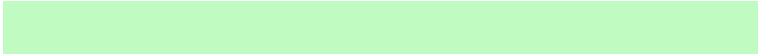
FF4697

Sweetspot

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



27C32D



C0FCC2



BEC327



5B805C



000000



808080

Same Dimension

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



27C32D



0AFC13



27C37A



576158



00A106



002101

Inverse Universe

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



C327BD



FC0AF3



C32770



615761



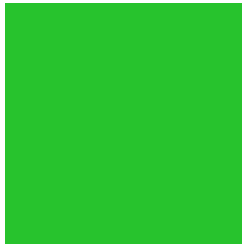
A1009A



210020

Previews

White Background



This preview shows how the Hex color 27C32D looks on a white background.

Color Contrast Check

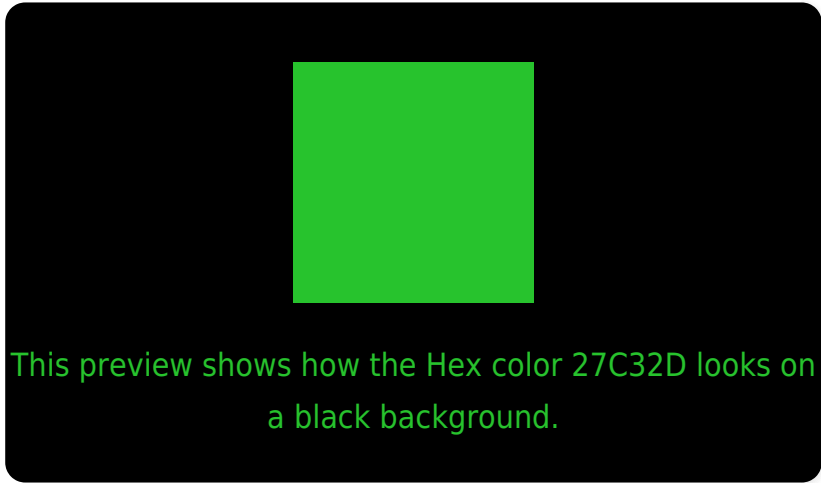
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 27C32D Background



This preview shows how black text looks on a background with the Hex color 27C32D.

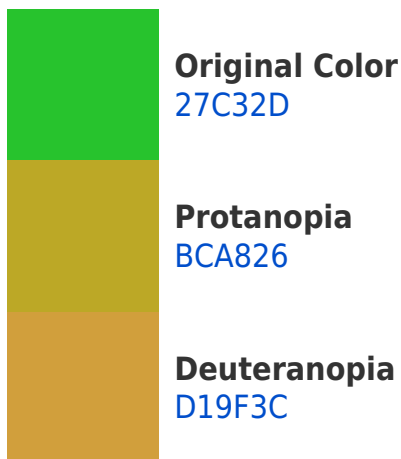


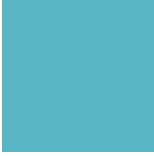
This preview shows how white text looks on a background with the Hex color 27C32D.

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
58B6C4

Trichromacy



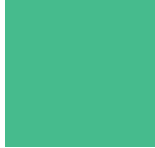
Original Color
27C32D



Protanomaly
86B229



Deuteranomaly
93AC37



Tritanomaly
46BB8D

Monochromacy



Original Color
27C32D



Achromatopsia
838383



Achromatomaly
629A64

CSS Examples

Text

The CSS property to change the color of the text to Hex 27C32D 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 #27C32D looks like.

```
.text, #text, p{  
    color:#27C32D  
}
```

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 #27C32D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #27C32D
}
```

Border

The CSS property to change the border of an element to Hex 27C32D 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
#27C32D }
```

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

```
.border{ border-color:#27C32D }
```

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

Here you see how a box with a 4 pixel #27C32D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #27C32D; -webkit-box-shadow:4px 4px  
4px 4px #27C32D; box-shadow:4px 4px 4px  
4px #27C32D }
```

Background

The CSS property to change the background color of an element to Hex 27C32D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#27C32D }
```

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

```
.background{ background-color:#27C32D }
```

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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