

Converting Colors

Hex(0028C7)

Have a look what the booklet for
Hex(0028C7) contains.

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Color

Hex(0028C7)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 0028C7 |
| RGB | 0, 40, 199 |
| RGB Percent | 0%, 16%, 78% |
| CMY | 1.0000, 0.8431, 0.2196 |
| CMYK | 1.00, 0.80, 0.00, 0.22 |
| HSL | 228°, 100%, 39% |
| HSV | 228°, 100%, 78% |
| XYZ | 11.0676, 5.6411, 54.5383 |
| YIQ | 46.1660, -74.8790, 40.9690 |

Conversions

Conversions Part 2

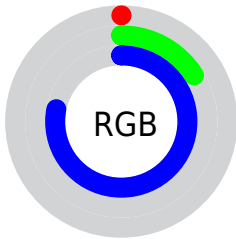
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 0, 33, 199 |
| Decimal | 10439 |
| CIELab | 28.49, 52.40, -82.13 |
| CIELCh | 28, 97.423, 302.538 |
| Yxy | 5.6411, 0.1553, 0.0792 |
| Android (android.graphics.Color) | 4278200519 (0xFF0028C7) |
| YUV | 46.1660, 75.3472, -40.4876 |
| Hunter-Lab | 23.7510, 41.6139, -119.5192 |

Details

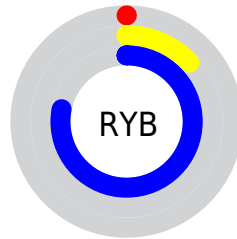
The Hex color **0028C7** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **C79F00**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **6658FF**, and **00008F** is the 20% darker color. If you saturate the color by 10%, you get **0028C7**, and if you desaturate by 10%, it is **1438C7**.

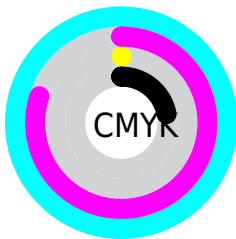
Distribution



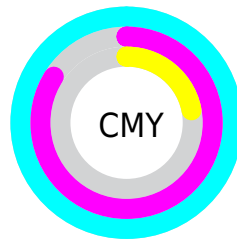
- Red (0%)
- Green (16%)
- Blue (78%)



- Red (0%)
- Yellow (13%)
- Blue (78%)



- Cyan (100%)
- Magenta (80%)
- Yellow (0%)
- Black (22%)



- Cyan (100%)
- Magenta (84%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0028C7 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 0028C7 by changing the saturation by 10% instead.

0028C7

0028C7

FFFFFF

0011AB

6658FF

00008F

8771FF

000075

A78BFF

000B5B

C6A6FF

000742

E5C2FF

00032B

FFDEFF

000116

FFFBFF

000000

0028C7

 1438C7

 2848C7

 3C58C7

 5068C7

 6478C7

 7787C7

 8B97C7

 9FA7C7

 B3B7C7

Harmonies

Analogous

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



0050E1



0028C7



9A008B

Triad

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



0028C7



861600



005A48

Complementary

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



0028C7



C79F00

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.



005800



0028C7



4E4400

Square

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



0028C7



AD0000



005300



005D95

Rectangle

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



0028C7



B4005A



005300



005A2D

Sweetspot

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



0028C7



B3C2FF



00C79C



525B80



000000



808080

Same Dimension

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



0028C7



0033FF



3800C7



5A5C63



0021A3



000724

Inverse Universe

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



C70028



FF0033



8FC700



635A5C



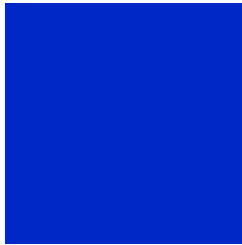
A30021



240007

Previews

White Background



This preview shows how the Hex color 0028C7 looks on a white background.

Color Contrast Check

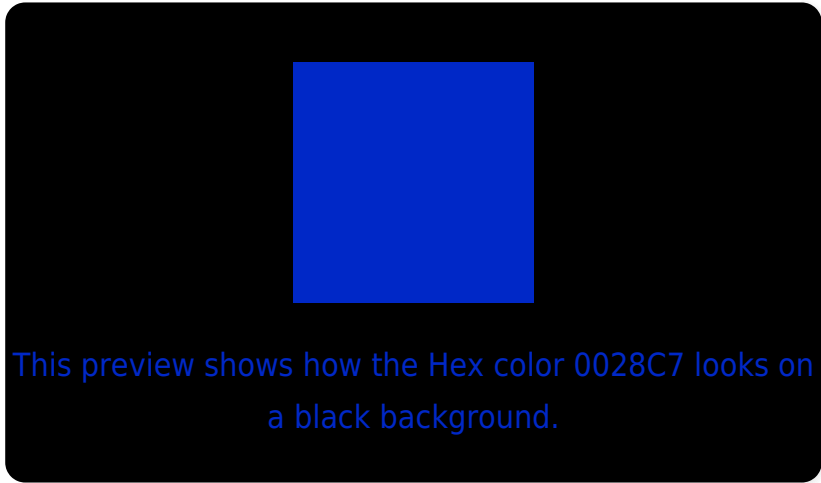
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

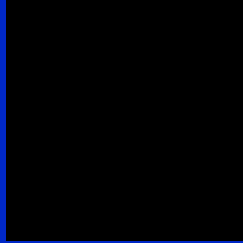
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 0028C7 Background



This preview shows how black text looks on a background with the Hex color 0028C7.



This preview shows how white text looks on a background with the Hex color 0028C7.

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



Original Color
0028C7

Protanopia
004189

Deuteranopia
004674



Tritanopia
004B4F

Trichromacy



Original Color
0028C7

Protanomaly
0038A0

Deuteranomaly
003B92

Tritanomaly
003E7B

Monochromacy



Original Color
0028C7

Achromatopsia
2E2E2E

Achromatomaly
1D2C66

CSS Examples

Text

The CSS property to change the color of the text to Hex 0028C7 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 #0028C7 looks like.

```
.text, #text, p{  
    color:#0028C7  
}
```

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 #0028C7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0028C7
}
```

Border

The CSS property to change the border of an element to Hex 0028C7 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
#0028C7 }
```

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

```
.border{ border-color:#0028C7 }
```

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

Here you see how a box with a 4 pixel #0028C7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0028C7; -webkit-box-shadow:4px 4px  
4px 4px #0028C7; box-shadow:4px 4px 4px  
4px #0028C7 }
```

Background

The CSS property to change the background color of an element to Hex 0028C7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0028C7 }
```

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

```
.background{ background-color:#0028C7 }
```

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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