

Converting Colors

Hex(2708D2)

Have a look what the booklet for
Hex(2708D2) contains.

| | |
|--|----|
| Hex(2708D2) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Hex(2708D2)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 2708D2 |
| RGB | 39, 8, 210 |
| RGB Percent | 15%, 3%, 82% |
| CMY | 0.8471, 0.9686, 0.1765 |
| CMYK | 0.81, 0.96, 0.00, 0.18 |
| HSL | 249°, 93%, 43% |
| HSV | 249°, 96%, 82% |
| XYZ | 12.5564, 5.2581, 61.3259 |
| YIQ | 40.2970, -46.3660, 69.3940 |

Conversions

Conversions Part 2

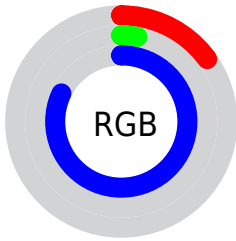
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 39, 8, 210 |
| Decimal | 2558162 |
| CIELab | 27.46, 67.33, -90.24 |
| CIELCh | 27, 112.592, 306.728 |
| Yxy | 5.2581, 0.1587, 0.0664 |
| Android (android.graphics.Color) | 4280748242 (0xFF2708D2) |
| YUV | 40.2970, 83.6636, -1.1375 |
| Hunter-Lab | 22.9306, 57.6146, -142.5142 |

Details

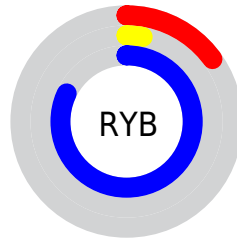
The Hex color **2708D2** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **B3D208**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **7745FF**, and **00009A** is the 20% darker color. If you saturate the color by 10%, you get **2000D2**, and if you desaturate by 10%, it is **391DD2**.

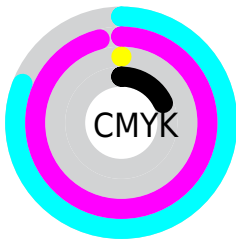
Distribution



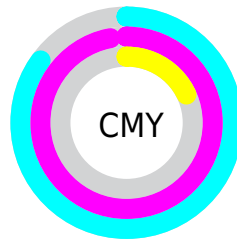
- Red (15%)
- Green (3%)
- Blue (82%)



- Red (15%)
- Yellow (3%)
- Blue (82%)



- Cyan (81%)
- Magenta (96%)
- Yellow (0%)
- Black (18%)



- Cyan (85%)
- Magenta (97%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2708D2 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 2708D2 by changing the saturation by 10% instead.

 2708D2

 2708D2

FFFFFF

 0000B5

 7745FF

 00009A

 9860FF

 00007F

 B77BFF

 000664

 D796FF

 00094B

 F7B2FF

 000434

 FFCEFF

 00021E

 FFE8FF

 000000

 2708D2

 2708D2

■ 2000D2

■ 391DD2

■ 4B32D2

■ 5C47D2

■ 6E5CD2

■ 8071D2

■ 9286D2

■ A39BD2

■ B5B0D2

■ C7C5D2

Harmonies

Analogous

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



004EF7



2708D2



AB0088

Triad

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



2708D2



831400



005954

Complementary

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



2708D2



B3D208

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.



005700



2708D2



3F4500

Square

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



2708D2



B20000



005300



005DAA

Rectangle

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



2708D2



C3004F



005300



005935

Sweetspot

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



2708D2



C0B5FF



08B4D2



5A5380



000000



808080

Same Dimension

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



2708D2



2700FF



8B08D2



605E69



1A00A8



060029

Inverse Universe

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



D208B3



FF00D8



4FD208



695E67



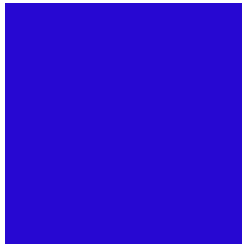
A8008E



290023

Previews

White Background



This preview shows how the Hex color 2708D2 looks on a white background.

Color Contrast Check

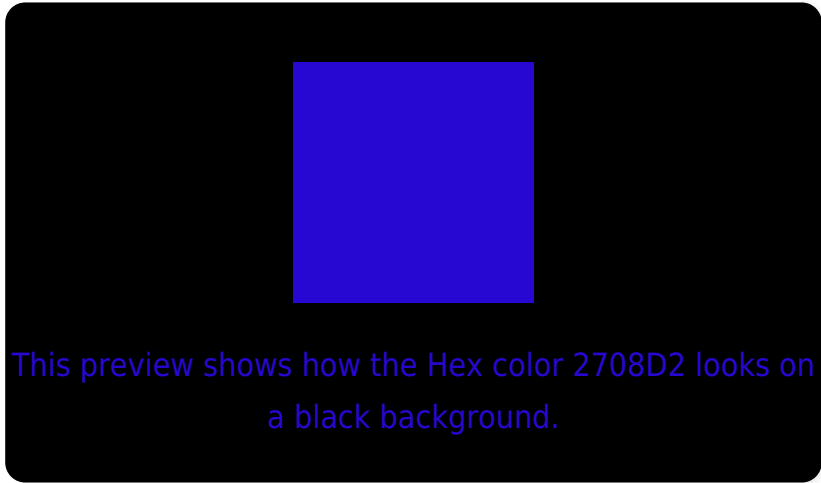
Large Text (above 18pt) WCAG AA ✓ Pass

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

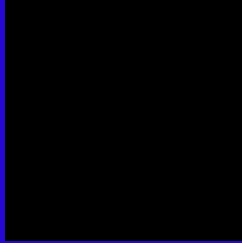
Any Text WCAG AA × Fail

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 2708D2 Background



This preview shows how black text looks on a background with the Hex color 2708D2.



This preview shows how white text looks on a background with the Hex color 2708D2.

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
2708D2

Protanopia
004085

Deuteranopia
004471



Tritanopia
00494D

Trichromacy



Original Color
2708D2

Protanomaly
0E2CA1

Deuteranomaly
0E2E94

Tritanomaly
0E317D

Monochromacy



Original Color
2708D2

Achromatopsia
282828

Achromatomaly
281C66

CSS Examples

Text

The CSS property to change the color of the text to Hex 2708D2 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 #2708D2 looks like.

```
.text, #text, p{  
    color:#2708D2  
}
```

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 #2708D2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2708D2
}
```

Border

The CSS property to change the border of an element to Hex 2708D2 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".

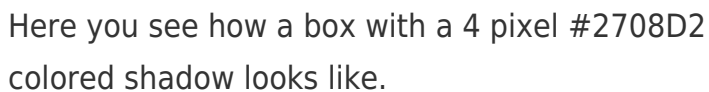
```
.border, #border, table{ border:4px solid
#2708D2 }
```

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

```
.border{ border-color:#2708D2 }
```

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

Here you see how a box with a 4 pixel #2708D2 colored shadow looks like.

A rectangular box with a thick blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset in all directions.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2708D2; -webkit-box-shadow:4px 4px  
4px 4px #2708D2; box-shadow:4px 4px 4px  
4px #2708D2 }
```

Background

The CSS property to change the background color of an element to Hex 2708D2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2708D2 }
```

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

```
.background{ background-color:#2708D2 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor