

Converting Colors

Hex(2618DC)

Have a look what the booklet for
Hex(2618DC) contains.

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Color

Hex(2618DC)

Conversions

Conversions Part 1

Format	Color
Hex	2618DC
RGB	38, 24, 220
RGB Percent	15%, 9%, 86%
CMY	0.8510, 0.9059, 0.1373
CMYK	0.83, 0.89, 0.00, 0.14
HSL	244°, 80%, 48%
HSV	244°, 89%, 86%
XYZ	14.0442, 6.2326, 68.1730
YIQ	50.5300, -54.5720, 63.9240

Conversions

Conversions Part 2

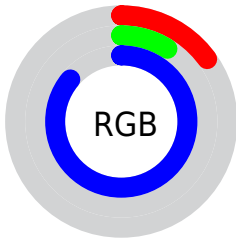
Format	Color
R _Y B	38, 24, 220
Decimal	2496732
CIE Lab	29.99, 66.09, -91.80
CIE LCh	30, 113.120, 305.753
Yxy	6.2326, 0.1588, 0.0705
Android (android.graphics.Color)	4280686812 (0xFF2618DC)
YUV	50.5300, 83.5487, -10.9888
Hunter-Lab	24.9653, 56.7261, -144.4282

Details

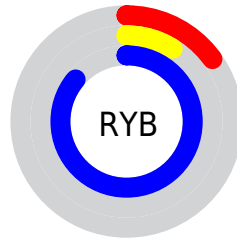
The Hex color **2618DC** is a dark color, and the websafe version is hex **0000CC**. The color can be described as dark washed blue. A complement of this color would be **CEDC18**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **784EFF**, and **0000A3** is the 20% darker color. If you saturate the color by 10%, you get **1202DC**, and if you desaturate by 10%, it is **3A2EDC**.

Distribution



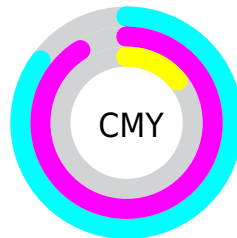
- Red (15%)
- Green (9%)
- Blue (86%)



- Red (15%)
- Yellow (9%)
- Blue (86%)



- Cyan (83%)
- Magenta (89%)
- Yellow (0%)
- Black (14%)



- Cyan (85%)
- Magenta (91%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2618DC 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 2618DC by changing the saturation by 10% instead.

 2618DC

 2618DC

FFFFFF

 0000BF

 784EFF

 0000A3

 9969FF

 000088

 B983FF

 00026D

 D99FFF

 000B54

 F9BBFF

 00063C

 FFD7FF

 000225

 FFF4FF

 00010D

 000000

■ 2618DC

■ 2618DC

■ 1202DC

■ 3A2EDC

■ 1000DC

■ 4F44DC

■ 635ADC

■ 7870DC

■ 8C86DC

■ A19CDC

■ B5B2DC

■ C9C8DC

■ DEDEDC

Harmonies

Analogous

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



0054FF



2618DC



B20091

Triad

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



2618DC



8D1800



006057

Complementary

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



2618DC



CEDC18

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.



005E00



2618DC



484A00

Square

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



2618DC



BC0000



005900



0063AF

Rectangle

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



2618DC



CB0058



005900



005F37

Sweetspot

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



2618DC



BFBAFF



18CFDC



5A5780



000000



808080

Same Dimension

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



2618DC



1200FF



8718DC



63636E



0C00AD



03002E

Inverse Universe

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



DC18CE



FF00ED



6DDC18



6E636D



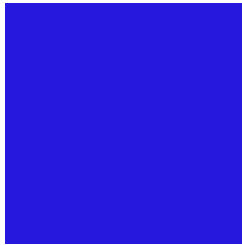
AD00A1



2E002B

Previews

White Background



This preview shows how the Hex color 2618DC looks on a white background.

Color Contrast Check

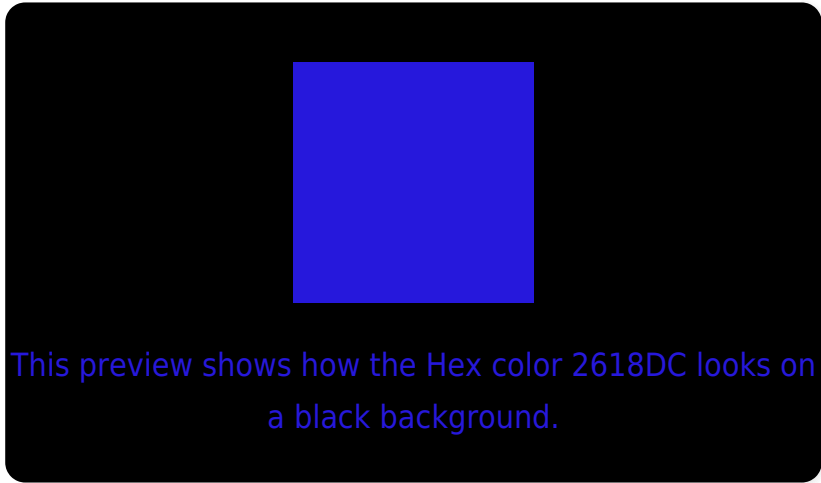
Large Text (above 18pt) WCAG AA ✓ Pass

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

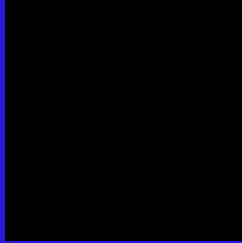
Any Text WCAG AA × Fail

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 2618DC Background



This preview shows how black text looks on a background with the Hex color 2618DC.



This preview shows how white text looks on a background with the Hex color 2618DC.

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
2618DC

Protanopia
00448F

Deuteranopia
004979



Tritanopia
004E52

Trichromacy



Original Color
2618DC

Protanomaly
0E34AB

Deuteranomaly
0E379D

Tritanomaly
0E3A84

Monochromacy



Original Color
2618DC

Achromatopsia
333333

Achromatomaly
2E2970

CSS Examples

Text

The CSS property to change the color of the text to Hex 2618DC 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 #2618DC looks like.

```
.text, #text, p{  
    color:#2618DC  
}
```

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 #2618DC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2618DC
}
```

Border

The CSS property to change the border of an element to Hex 2618DC 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".

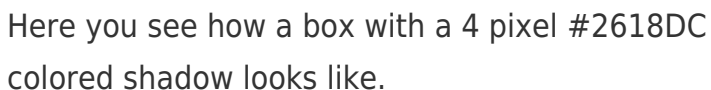
```
.border, #border, table{ border:4px solid
#2618DC }
```

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

```
.border{ border-color:#2618DC }
```

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

Here you see how a box with a 4 pixel #2618DC colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2618DC; -webkit-box-shadow:4px 4px  
4px 4px #2618DC; box-shadow:4px 4px 4px  
4px #2618DC }
```

Background

The CSS property to change the background color of an element to Hex 2618DC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2618DC }
```

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

```
.background{ background-color:#2618DC }
```

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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