

Converting Colors

Hex(2618FF)

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

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Color

Hex(2618FF)

Conversions

Conversions Part 1

Format	Color
Hex	2618FF
RGB	38, 24, 255
RGB Percent	15%, 9%, 100%
CMY	0.8510, 0.9059, 0.0000
CMYK	0.85, 0.91, 0.00, 0.00
HSL	244°, 100%, 55%
HSV	244°, 91%, 100%
XYZ	19.1760, 8.2853, 95.1963
YIQ	54.5200, -65.8070, 74.8090

Conversions

Conversions Part 2

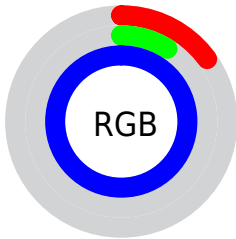
Format	Color
RYB	38, 24, 255
Decimal	2496767
CIELab	34.57, 75.28, -104.05
CIELCh	35, 128.428, 305.885
Yxy	8.2853, 0.1563, 0.0675
Android (android.graphics.Color)	4280686847 (0xFF2618FF)
YUV	54.5200, 98.8366, -14.4880
Hunter-Lab	28.7843, 68.5435, -175.9369

Details

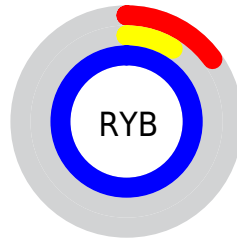
The Hex color **2618FF** is a dark color, and the websafe version is hex **3300FF**. The color can be described as dark washed blue. A complement of this color would be **F1FF18**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **8152FF**, and **0000C4** is the 20% darker color. If you saturate the color by 10%, you get **0F00FF**, and if you desaturate by 10%, it is **3E31FF**.

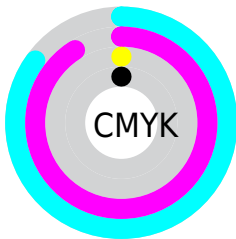
Distribution



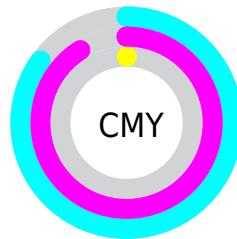
- Red (15%)
- Green (9%)
- Blue (100%)



- Red (15%)
- Yellow (9%)
- Blue (100%)



- Cyan (85%)
- Magenta (91%)
- Yellow (0%)
- Black (0%)



- Cyan (85%)
- Magenta (91%)
- Yellow (0%)

Brightness & Saturation Gradients

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

 2618FF

 2618FF

FFFFFF

 0000E1

 8152FF

 0000C4

 A46DFF

 0000A8

 C589FF

 00008C

 E6A4FF

 000E72

 FFC1FF

 000C58

 FFDDFF

 000740

 FFFBFF

 000329

 000112

 2618FF

 2618FF

 0F00FF

 3E31FF

 564BFF

 6E64FF

 867EFF

 9E97FF

 B6B1FF

 CECBFF

 E6E4FF

 FEFDFE

Harmonies

Analogous

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



0061FF



2618FF



CE00A8

Triad

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



2618FF



A21900



006E65

Complementary

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



2618FF



F1FF18

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.



006B00



2618FF



525600

Square

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



2618FF



D90000



006600



0072CC

Rectangle

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



2618FF



EB0065



006600



006D40

Sweetspot

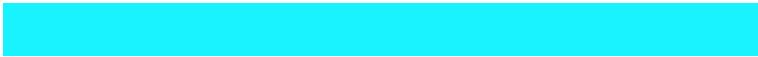
The Sweet Spot groups the original color and five complimentary colors.



2618FF



BEBAFF



18F3FF



595780



000000



808080

Same Dimension

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



2618FF



0F00FF



9718FF



747380



0C00BF



040040

Inverse Universe

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



FF18F1



FF00F0



80FF18



80737F



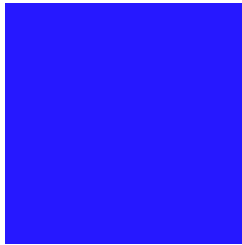
BF00B4



40003C

Previews

White Background



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

Color Contrast Check

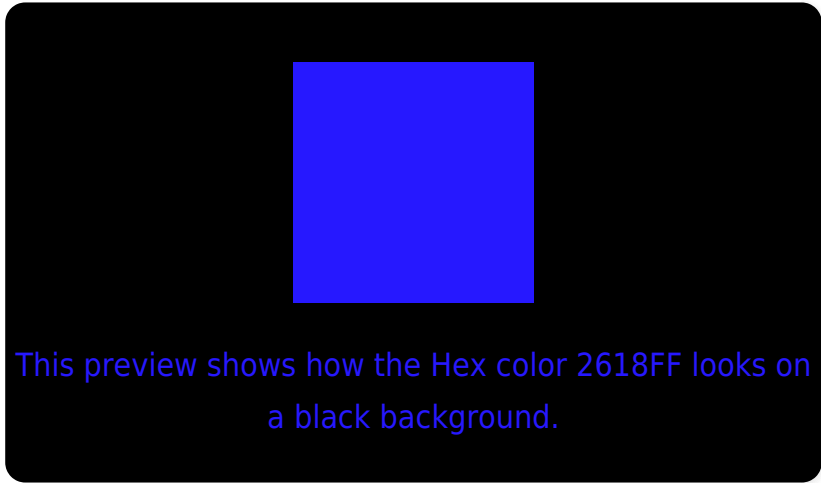
Large Text (above 18pt) WCAG AA ✓ Pass

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

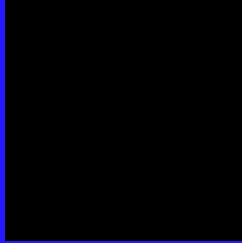
Any Text WCAG AA × Fail

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 2618FF Background



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



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

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
2618FF

Protanopia
004EA3

Deuteranopia
00538A



Tritanopia
005A5E

Trichromacy



Original Color
2618FF

Protanomaly
0E3AC4

Deuteranomaly
0E3EB5

Tritanomaly
0E4299

Monochromacy



Original Color
2618FF

Achromatopsia
373737

Achromatomaly
312C80

CSS Examples

Text

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

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

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 #2618FF colored shadow looks like.

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

Border

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

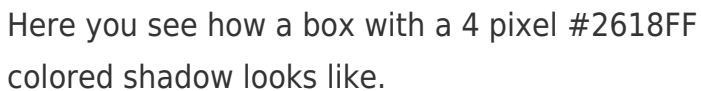
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

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

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

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

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



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

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

Background

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

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

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

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

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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