

Converting Colors

Hex(2618E8)

Have a look what the booklet for
Hex(2618E8) contains.

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Color

Hex(2618E8)

Conversions

Conversions Part 1

Format	Color
Hex	2618E8
RGB	38, 24, 232
RGB Percent	15%, 9%, 91%
CMY	0.8510, 0.9059, 0.0902
CMYK	0.84, 0.90, 0.00, 0.09
HSL	244°, 82%, 50%
HSV	244°, 90%, 91%
XYZ	15.6915, 6.8915, 76.8471
YIQ	51.8980, -58.4240, 67.6560

Conversions

Conversions Part 2

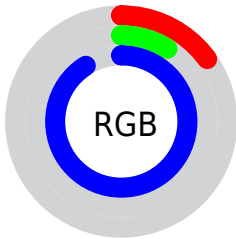
Format	Color
R _Y B	38, 24, 232
Decimal	2496744
CIE Lab	31.56, 69.30, -96.07
CIE LCh	32, 118.455, 305.803
Yxy	6.8915, 0.1578, 0.0693
Android (android.graphics.Color)	4280686824 (0xFF2618E8)
YUV	51.8980, 88.7903, -12.1885
Hunter-Lab	26.2517, 60.7543, -155.1843

Details

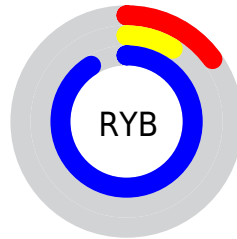
The Hex color **2618E8** is a dark color, and the websafe version is hex **3333FF**. The color can be described as dark washed blue. A complement of this color would be **DAE818**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **7B50FF**, and **0000AE** is the 20% darker color. If you saturate the color by 10%, you get **1001E8**, and if you desaturate by 10%, it is **3C2FE8**.

Distribution



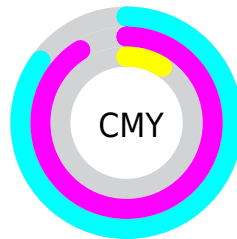
- Red (15%)
- Green (9%)
- Blue (91%)



- Red (15%)
- Yellow (9%)
- Blue (91%)



- Cyan (84%)
- Magenta (90%)
- Yellow (0%)
- Black (9%)



- Cyan (85%)
- Magenta (91%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2618E8 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 2618E8 by changing the saturation by 10% instead.

 2618E8

 2618E8

FFFFFF

 0000CB

 7B50FF

 0000AE

 9D6AFF

 000093

 BE85FF

 000078

 DEA1FF

 000E5E

 FEBDFF

 000845

 FFD9FF

 00042E

 FFF6FF

 000118

 000000

■ 2618E8

■ 2618E8

■ 1001E8

■ 3C2FE8

■ 1000E8

■ 5146E8

■ 675EE8

■ 7D75E8

■ 928CE8

■ A8A3E8

■ BDBAE8

■ D3D2E8

■ E9E9E8

Harmonies

Analogous

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



0059FF



2618E8



BB0099

Triad

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



2618E8



941800



00655B

Complementary

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



2618E8



DAE818

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.



006200



2618E8



4B4E00

Square

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



2618E8



C60000



005E00



0068B9

Rectangle

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



2618E8



D6005C



005E00



00643A

Sweetspot

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



2618E8



BFBAFF



18DAE8



595780



000000



808080

Same Dimension

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



2618E8



1100FF



8E18E8



686773



0C00B3



030033

Inverse Universe

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



E818DA



FF00EE



72E818



736772



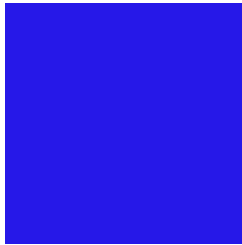
B300A6



330030

Previews

White Background



This preview shows how the Hex color 2618E8 looks on a white background.

Color Contrast Check

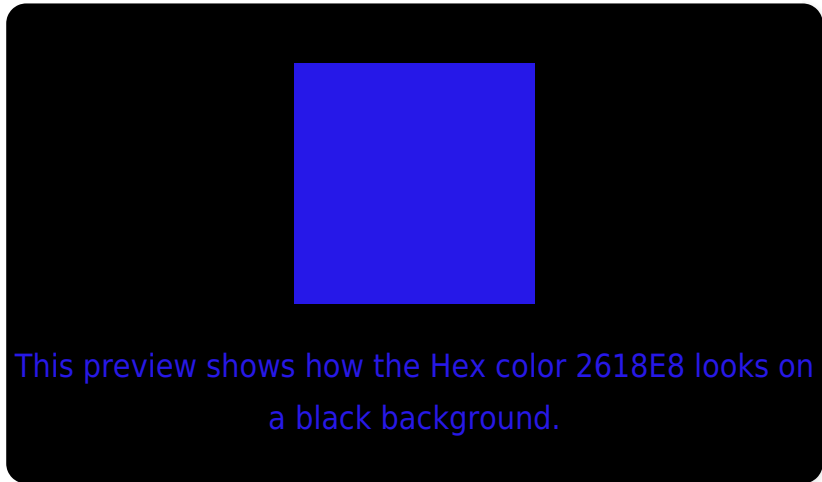
Large Text (above 18pt) WCAG AA ✓ Pass

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

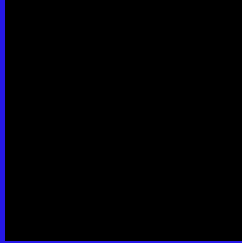
Any Text WCAG AA × Fail

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 2618E8 Background



This preview shows how black text looks on a background with the Hex color 2618E8.



This preview shows how white text looks on a background with the Hex color 2618E8.

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
2618E8

Protanopia
004796

Deuteranopia
004C7F



Tritanopia
005256

Trichromacy



Original Color
2618E8

Protanomaly
0E36B4

Deuteranomaly
0E39A5

Tritanomaly
0E3D8B

Monochromacy



Original Color
2618E8

Achromatopsia
343434

Achromatomaly
2F2A75

CSS Examples

Text

The CSS property to change the color of the text to Hex 2618E8 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 #2618E8 looks like.

```
.text, #text, p{  
    color:#2618E8  
}
```

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 #2618E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2618E8  
}
```

Border

The CSS property to change the border of an element to Hex 2618E8 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".

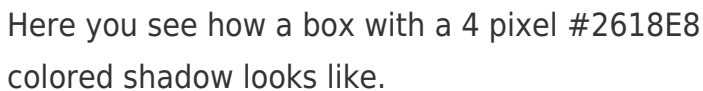
```
.border, #border, table{ border:4px solid  
#2618E8 }
```

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

```
.border{ border-color:#2618E8 }
```

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

Here you see how a box with a 4 pixel #2618E8 colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2618E8; -webkit-box-shadow:4px 4px  
4px 4px #2618E8; box-shadow:4px 4px 4px  
4px #2618E8 }
```

Background

The CSS property to change the background color of an element to Hex 2618E8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2618E8 }
```

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

```
.background{ background-color:#2618E8 }
```

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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