

Converting Colors

Hex(2642D9)

Have a look what the booklet for
Hex(2642D9) contains.

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Color

Hex(2642D9)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 2642D9 |
| RGB | 38, 66, 217 |
| RGB Percent | 15%, 26%, 85% |
| CMY | 0.8510, 0.7412, 0.1490 |
| CMYK | 0.82, 0.70, 0.00, 0.15 |
| HSL | 231°, 70%, 50% |
| HSV | 231°, 82%, 85% |
| XYZ | 15.2719, 9.3183, 66.6393 |
| YIQ | 74.8420, -65.1590, 41.0250 |

Conversions

Conversions Part 2

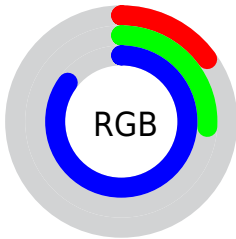
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 38, 62, 217 |
| Decimal | 2507481 |
| CIE _{Lab} | 36.59, 45.14, -79.13 |
| CIE _{LCh} | 37, 91.105, 299.704 |
| Yxy | 9.3183, 0.1674, 0.1021 |
| Android (android.graphics.Color) | 4280697561 (0xFF2642D9) |
| YUV | 74.8420, 70.0839, -32.3104 |
| Hunter-Lab | 30.5258, 35.8826, -108.0649 |

Details

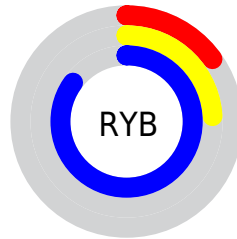
The Hex color **2642D9** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **D9BD26**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **7472FF**, and **0017A1** is the 20% darker color. If you saturate the color by 10%, you get **1030D9**, and if you desaturate by 10%, it is **3C54D9**.

Distribution



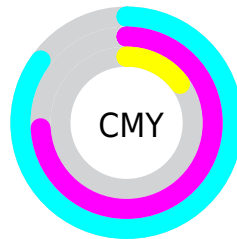
- Red (15%)
- Green (26%)
- Blue (85%)



- Red (15%)
- Yellow (24%)
- Blue (85%)



- Cyan (82%)
- Magenta (70%)
- Yellow (0%)
- Black (15%)



- Cyan (85%)
- Magenta (74%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2642D9 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 2642D9 by changing the saturation by 10% instead.

 2642D9

 2642D9

FFFFFF

 002CBC

 7472FF

 0017A1

 948CFF

 000586

 B4A7FF

 00006B

 D3C2FF

 000B52

 F2DEFF

 00053A

 FFFBFF

 000223

 00000A

 000000

■ 2642D9

■ 2642D9

■ 1030D9

■ 3C54D9

■ 0022D9

■ 5167D9

■ 6779D9

■ 7D8BD9

■ 939ED9

■ A8B0D9

■ BEC2D9

■ D4D4D9

■ E9E7D9

Harmonies

Analogous

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



0062ED



2642D9



A700A2

Triad

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



2642D9



A12C00



007054

Complementary

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



2642D9



D9BD26

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.



006C00



2642D9



6A5400

Square

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



2642D9



C40013



0D6500



00719E

Rectangle

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



2642D9



C40073



0D6500



006F39

Sweetspot

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



2642D9



BFC9FF



26D9BB



595F80



000000



808080

Same Dimension

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



2642D9



032AFF



6226D9



63646E



001BAD



00072E

Inverse Universe

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



D92642



FF032A



9DD926



6E6364



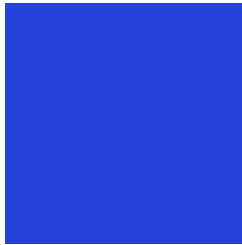
AD001B



2E0007

Previews

White Background



This preview shows how the Hex color 2642D9 looks on a white background.

Color Contrast Check

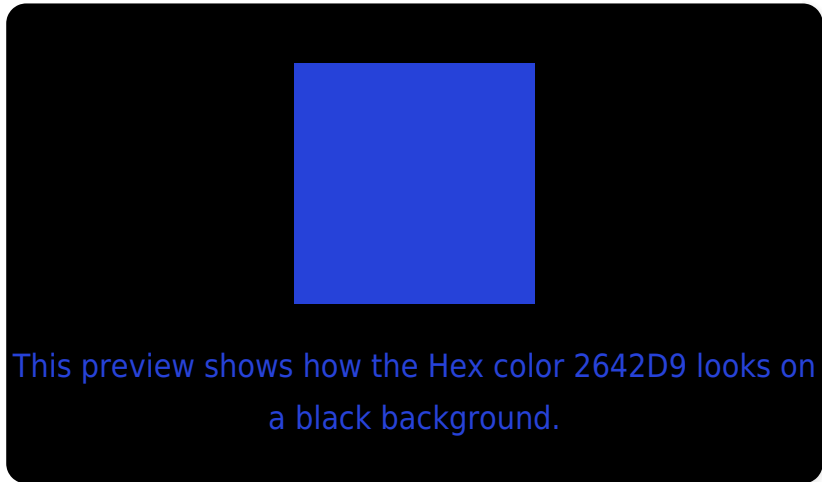
Large Text (above 18pt) WCAG AA ✓ Pass

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

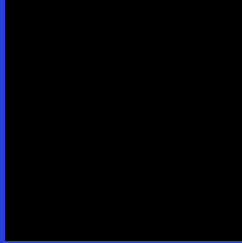
Any Text WCAG AA × Fail

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 2642D9 Background



This preview shows how black text looks on a background with the Hex color 2642D9.



This preview shows how white text looks on a background with the Hex color 2642D9.

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
2642D9

Protanopia
0052AE

Deuteranopia
005894



Tritanopia
005F64

Trichromacy



Original Color
2642D9

Protanomaly
0E4CBE

Deuteranomaly
0E50AD

Tritanomaly
0E548F

Monochromacy



Original Color
2642D9

Achromatopsia
4B4B4B

Achromatomaly
3E487F

CSS Examples

Text

The CSS property to change the color of the text to Hex 2642D9 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 #2642D9 looks like.

```
.text, #text, p{  
    color:#2642D9  
}
```

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 #2642D9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2642D9
}
```

Border

The CSS property to change the border of an element to Hex 2642D9 is called "border". The border property can be set on classes, ids or directly on the HTML element.

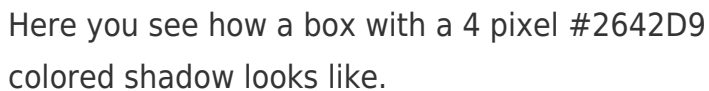
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2642D9 }
```

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

```
.border{ border-color:#2642D9 }
```

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



Here you see how a box with a 4 pixel #2642D9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2642D9; -webkit-box-shadow:4px 4px  
4px 4px #2642D9; box-shadow:4px 4px 4px  
4px #2642D9 }
```

Background

The CSS property to change the background color of an element to Hex 2642D9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2642D9 }
```

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

```
.background{ background-color:#2642D9 }
```

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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