

Converting Colors

Hex(2D2499)

Have a look what the booklet for
Hex(2D2499) contains.

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Color

Hex(2D2499)

Conversions

Conversions Part 1

Format	Color
Hex	2D2499
RGB	45, 36, 153
RGB Percent	18%, 14%, 60%
CMY	0.8235, 0.8588, 0.4000
CMYK	0.71, 0.76, 0.00, 0.40
HSL	245°, 62%, 37%
HSV	245°, 76%, 60%
XYZ	7.4628, 4.1195, 30.5388
YIQ	52.0290, -32.1930, 38.2950

Conversions

Conversions Part 2

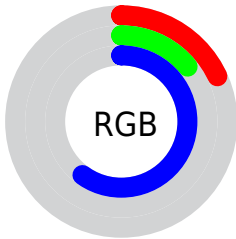
Format	Color
R_{YB}	45, 36, 153
Decimal	2958489
CIE _{Lab}	24.06, 41.42, -61.84
CIE _{LCh}	24, 74.432, 303.813
Yxy	4.1195, 0.1772, 0.0978
Android (android.graphics.Color)	4281148569 (0xFF2D2499)
YUV	52.0290, 49.7787, -6.1644
Hunter-Lab	20.2967, 30.1131, -75.0013

Details

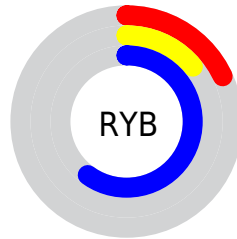
The Hex color **2D2499** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **909924**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **6B53D0**, and **000065** is the 20% darker color. If you saturate the color by 10%, you get **1F1599**, and if you desaturate by 10%, it is **3B3399**.

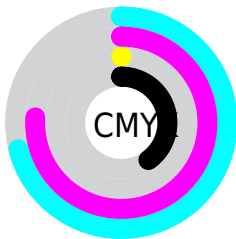
Distribution



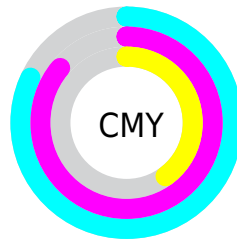
- Red (18%)
- Green (14%)
- Blue (60%)



- Red (18%)
- Yellow (14%)
- Blue (60%)



- Cyan (71%)
- Magenta (76%)
- Yellow (0%)
- Black (40%)



- Cyan (82%)
- Magenta (86%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D2499 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 2D2499 by changing the saturation by 10% instead.

 2D2499

 2D2499

FFFFFF

 000D7E

 6B53D0

 000065

 886CED

 00004C

 A585FF

 000434

 C2A0FF

 00021E

 E0BBFF

 000000

 FED7FF

 FFF4FF

 2D2499

 2D2499

■ 1F1599

■ 3B3399

■ 110599

■ 494399

■ 0C0099

■ 575299

■ 656199

■ 747199

■ 828099

■ 908F99

■ 9E9E99

■ ACAE99

Harmonies

Analogous

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



0041AD



2D2499



7C006C

Triad

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



2D2499



6C1E00



004C3F

Complementary

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



2D2499



909924

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.



004A00



2D2499



413A00

Square

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



2D2499



8A0000



004600



004D78

Rectangle

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



2D2499



8F0047



004600



004C2C

Sweetspot

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



2D2499



9D99C7



249199



4A4863



E3E3E3



636363

Same Dimension

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



2D2499



1E10C7



662499



45454D



0B008C



01000D

Inverse Universe

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



992490



C710B9



579924



4D454C



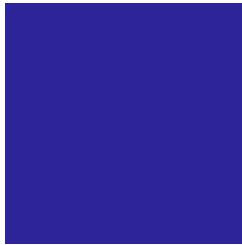
8C0081



0D000C

Previews

White Background



This preview shows how the Hex color 2D2499 looks on a white background.

Color Contrast Check

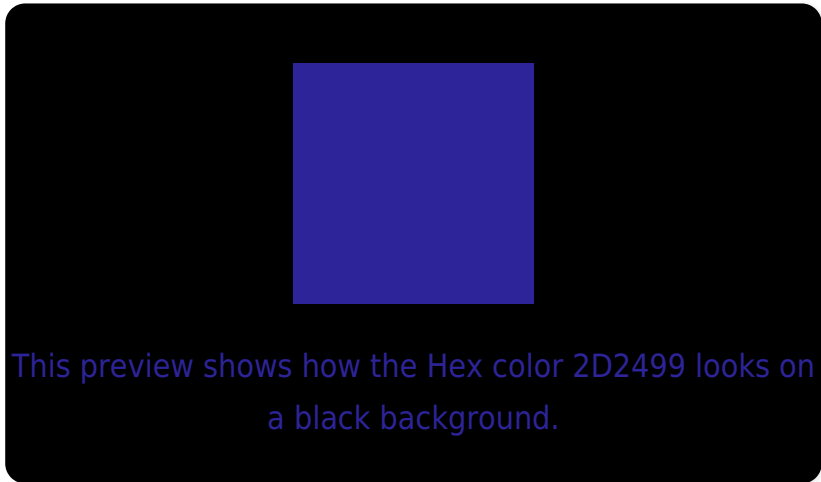
Large Text (above 18pt) WCAG AA ✓ Pass

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

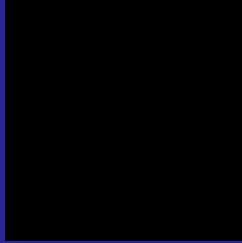
Any Text WCAG AA × Fail

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 2D2499 Background



This preview shows how black text looks on a background with the Hex color 2D2499.



This preview shows how white text looks on a background with the Hex color 2D2499.

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
2D2499

Protanopia
003875

Deuteranopia
003B64



Tritanopia
004044

Trichromacy



Original Color
2D2499

Protanomaly
103182

Deuteranomaly
103377

Tritanomaly
103663

Monochromacy



Original Color
2D2499

Achromatopsia
343434

Achromatomaly
312E59

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D2499 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 #2D2499 looks like.

```
.text, #text, p{  
    color:#2D2499  
}
```

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 #2D2499 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D2499
}
```

Border

The CSS property to change the border of an element to Hex 2D2499 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
#2D2499 }
```

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

```
.border{ border-color:#2D2499 }
```

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

Here you see how a box with a 4 pixel #2D2499 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D2499; -webkit-box-shadow:4px 4px  
4px 4px #2D2499; box-shadow:4px 4px 4px  
4px #2D2499 }
```

Background

The CSS property to change the background color of an element to Hex 2D2499 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D2499 }
```

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

```
.background{ background-color:#2D2499 }
```

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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