

Converting Colors

Hex(2D5291)

Have a look what the booklet for
Hex(2D5291) contains.

Hex(2D5291)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(2D5291)

Conversions

Conversions Part 1

Format	Color
Hex	2D5291
RGB	45, 82, 145
RGB Percent	18%, 32%, 57%
CMY	0.8235, 0.6784, 0.4314
CMYK	0.69, 0.43, 0.00, 0.43
HSL	218°, 53%, 37%
HSV	218°, 69%, 57%
XYZ	9.2103, 8.6368, 27.9697
YIQ	78.1190, -42.2750, 11.7490

Conversions

Conversions Part 2

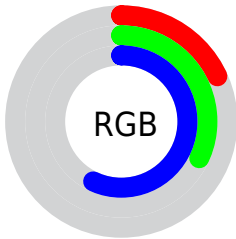
Format	Color
RYB	45, 72, 145
Decimal	2970257
CIELab	35.28, 8.64, -38.73
CIELCh	35, 39.684, 282.580
Yxy	8.6368, 0.2010, 0.1885
Android (android.graphics.Color)	4281160337 (0xFF2D5291)
YUV	78.1190, 32.9723, -29.0454
Hunter-Lab	29.3884, 4.5120, -35.8558

Details

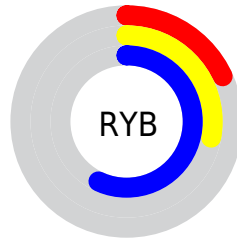
The Hex color **2D5291** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **916C2D**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **6683C7**, and **00265E** is the 20% darker color. If you saturate the color by 10%, you get **1F4991**, and if you desaturate by 10%, it is **3C5B91**.

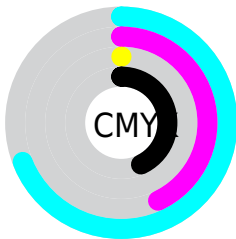
Distribution



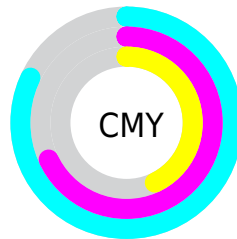
- Red (18%)
- Green (32%)
- Blue (57%)



- Red (18%)
- Yellow (28%)
- Blue (57%)



- Cyan (69%)
- Magenta (43%)
- Yellow (0%)
- Black (43%)



- Cyan (82%)
- Magenta (68%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D5291 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 2D5291 by changing the saturation by 10% instead.

■ 2D5291

■ 2D5291

FFFFFF

■ 023B77

■ 6683C7

■ 00265E

■ 829DE4

■ 001246

■ 9EB8FF

■ 00042F

■ BAD3FF

■ 000119

■ D7F0FF

■ 000000

■ F4FFFF

■ 2D5291

■ 2D5291

■ 1F4991

■ 3C5B91

■ 104091

■ 4A6491

■ 023791

■ 596D91

■ 003691

■ 677791

■ 768091

■ 848991

■ 939291

■ A19B91

■ B0A491

Harmonies

Analogous

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



005C8F



2D5291



664582

Triad

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



2D5291



863E29



00613F

Complementary

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



2D5291



916C2D

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.



335D21



2D5291



724B13

Square

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



2D5291



8D3547



57560D



006260

Rectangle

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



2D5291



7B3C71



57560D



066034

Sweetspot

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



2D5291



95A4BD



2D916B



474F5E



DEDEDE



5E5E5E

Same Dimension

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



2D5291



205ABD



392D91



404347



003287



000308

Inverse Universe

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



912D52



BD205A



85912D



474043



870032



080003

Previews

White Background



This preview shows how the Hex color 2D5291 looks on a white background.

Color Contrast Check

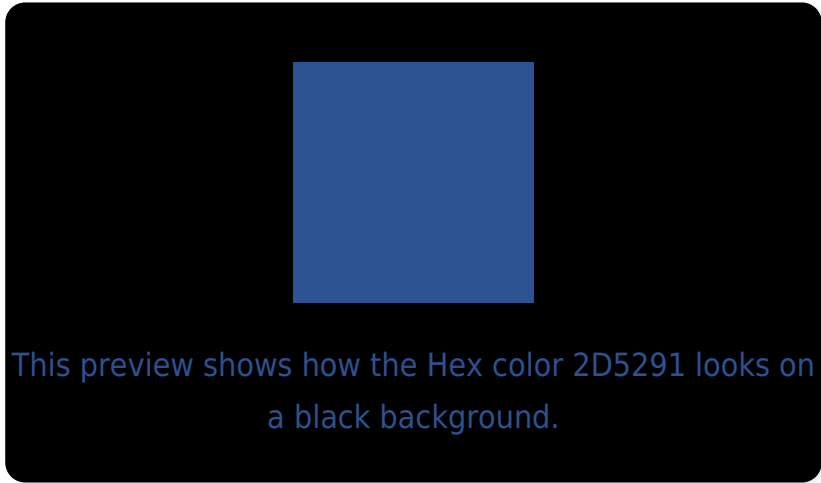
Large Text (above 18pt) WCAG AA ✓ Pass

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 2D5291 Background



This preview shows how black text looks on a background with the Hex color 2D5291.



This preview shows how white text looks on a background with the Hex color 2D5291.

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
2D5291

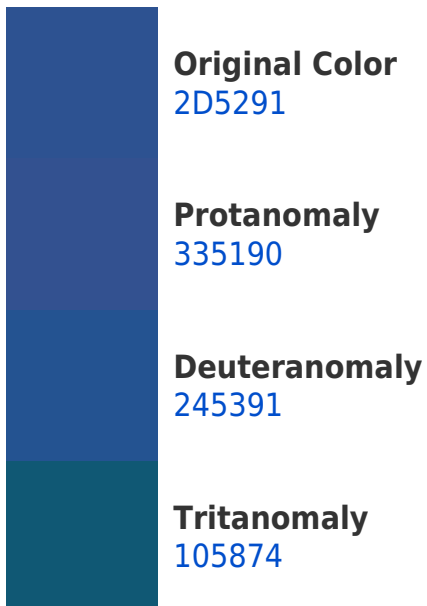
Protanopia
365190

Deuteranopia
1F5491



Tritanopia
005C63

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2D5291 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 #2D5291 looks like.

```
.text, #text, p{  
    color:#2D5291  
}
```

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 #2D5291 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D5291
}
```

Border

The CSS property to change the border of an element to Hex 2D5291 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
#2D5291 }
```

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

```
.border{ border-color:#2D5291 }
```

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

Here you see how a box with a 4 pixel #2D5291 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D5291; -webkit-box-shadow:4px 4px  
4px 4px #2D5291; box-shadow:4px 4px 4px  
4px #2D5291 }
```

Background

The CSS property to change the background color of an element to Hex 2D5291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D5291 }
```

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

```
.background{ background-color:#2D5291 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor