

Converting Colors

Hex(2D5895)

Have a look what the booklet for
Hex(2D5895) contains.

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Color

Hex(2D5895)

Conversions

Conversions Part 1

Format	Color
Hex	2D5895
RGB	45, 88, 149
RGB Percent	18%, 35%, 58%
CMY	0.8235, 0.6549, 0.4157
CMYK	0.70, 0.41, 0.00, 0.42
HSL	215°, 54%, 38%
HSV	215°, 70%, 58%
XYZ	9.9967, 9.7073, 29.7806
YIQ	82.0970, -45.2090, 9.8550

Conversions

Conversions Part 2

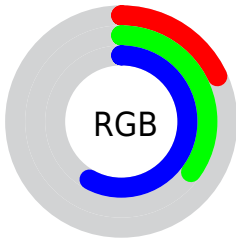
Format	Color
RYB	45, 75, 149
Decimal	2971797
CIELab	37.31, 6.22, -37.91
CIElCh	37, 38.415, 279.325
Yxy	9.7073, 0.2020, 0.1962
Android (android.graphics.Color)	4281161877 (0xFF2D5895)
YUV	82.0970, 32.9832, -32.5341
Hunter-Lab	31.1565, 2.7489, -34.8622

Details

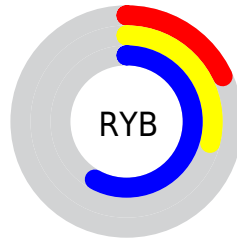
The Hex color **2D5895** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **956A2D**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **6789CC**, and **002B62** is the 20% darker color. If you saturate the color by 10%, you get **1E4F95**, and if you desaturate by 10%, it is **3C6195**.

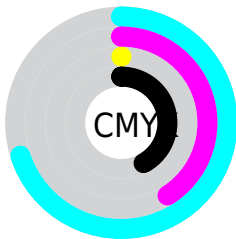
Distribution



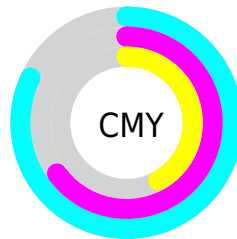
- Red (18%)
- Green (35%)
- Blue (58%)



- Red (18%)
- Yellow (29%)
- Blue (58%)



- Cyan (70%)
- Magenta (41%)
- Yellow (0%)
- Black (42%)



- Cyan (82%)
- Magenta (65%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D5895 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 2D5895 by changing the saturation by 10% instead.

■ 2D5895

■ 2D5895

FFFFFF

■ 00417B

■ 6789CC

■ 002B62

■ 83A4E8

■ 001849

■ 9FBFFF

■ 000432

■ BBDAFF

■ 00021C

■ D8F7FF

■ 000000

■ F6FFFF

■ 2D5895

■ 2D5895

■ 1E4F95

■ 3C6195

■ 0F4795

■ 4B6995

■ 003E95

■ 5A7295

■ 697B95

■ 788495

■ 868C95

■ 959595

■ A49E95

■ B3A795

Harmonies

Analogous

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



006191



2D5895



664C88

Triad

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



2D5895



8C4232



006541

Complementary

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



2D5895



956A2D

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.



3E6125



2D5895



7A4E1C

Square

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



2D5895



903B4F



5F5915



006761

Rectangle

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



2D5895



7D4378



5F5915



1E6437

Sweetspot

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



2D5895



99AAC2



2D956A



495361



E0E0E0



616161

Same Dimension

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



2D5895



1F62C2



362D95



43464A



00398A



00040A

Inverse Universe

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



952D58



C21F62



8C952D



4A4346



8A0039



0A0004

Previews

White Background



This preview shows how the Hex color 2D5895 looks on a white background.

Color Contrast Check

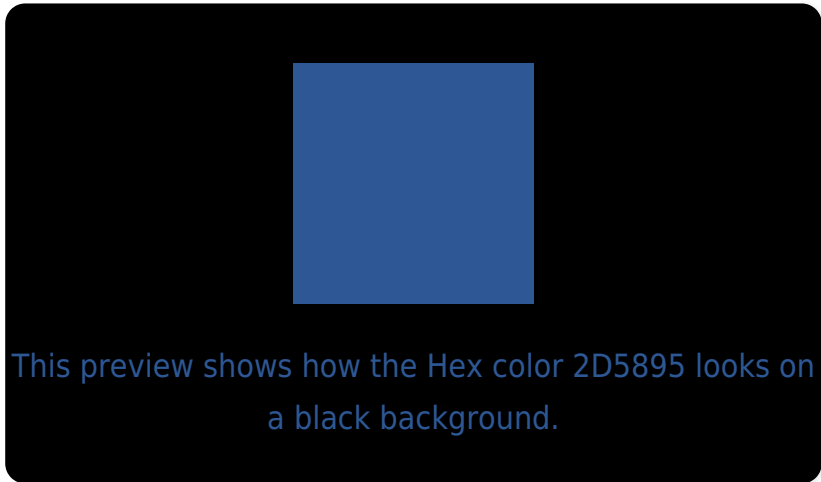
Large Text (above 18pt) WCAG AA ✓ Pass

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 2D5895 Background



This preview shows how black text looks on a background with the Hex color 2D5895.



This preview shows how white text looks on a background with the Hex color 2D5895.

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
2D5895

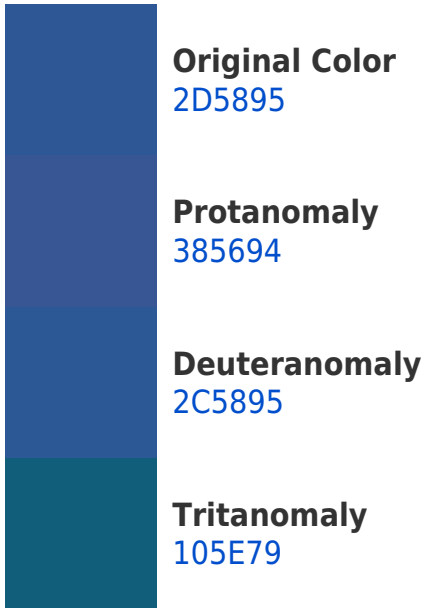
Protanopia
3E5593

Deuteranopia
2B5895

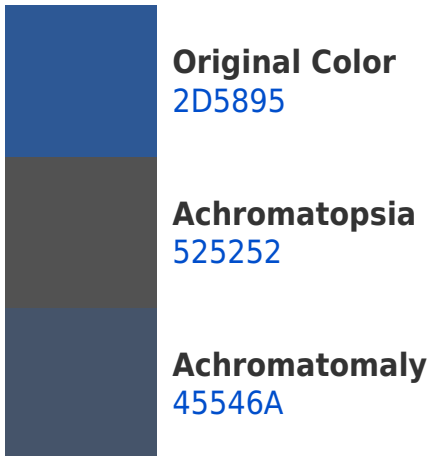


Tritanopia
006169

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2D5895 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 #2D5895 looks like.

```
.text, #text, p{  
    color:#2D5895  
}
```

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 #2D5895 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D5895
}
```

Border

The CSS property to change the border of an element to Hex 2D5895 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
#2D5895 }
```

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

```
.border{ border-color:#2D5895 }
```

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

Here you see how a box with a 4 pixel #2D5895 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D5895; -webkit-box-shadow:4px 4px  
4px 4px #2D5895; box-shadow:4px 4px 4px  
4px #2D5895 }
```

Background

The CSS property to change the background color of an element to Hex 2D5895 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D5895 }
```

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

```
.background{ background-color:#2D5895 }
```

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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