

Converting Colors

Hex(2C518D)

Have a look what the booklet for
Hex(2C518D) contains.

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Color

Hex(2C518D)

Conversions

Conversions Part 1

Format	Color
Hex	2C518D
RGB	44, 81, 141
RGB Percent	17%, 32%, 55%
CMY	0.8275, 0.6824, 0.4471
CMYK	0.69, 0.43, 0.00, 0.45
HSL	217°, 52%, 36%
HSV	217°, 69%, 55%
XYZ	8.7889, 8.3434, 26.3465
YIQ	76.7770, -41.3120, 10.8160

Conversions

Conversions Part 2

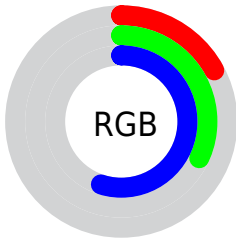
Format	Color
R_{YB}	44, 71, 141
Decimal	2904461
CIE _{Lab}	34.69, 7.62, -37.24
CIE _{LCh}	35, 38.006, 281.561
Yxy	8.3434, 0.2021, 0.1919
Android (android.graphics.Color)	4281094541 (0xFF2C518D)
YUV	76.7770, 31.6619, -28.7454
Hunter-Lab	28.8850, 3.7636, -33.8600

Details

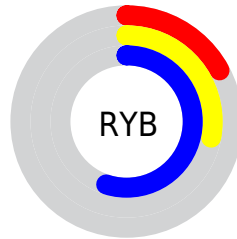
The Hex color **2C518D** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **8D682C**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **6582C3**, and **00255A** is the 20% darker color. If you saturate the color by 10%, you get **1E488D**, and if you desaturate by 10%, it is **3A5A8D**.

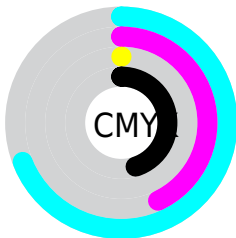
Distribution



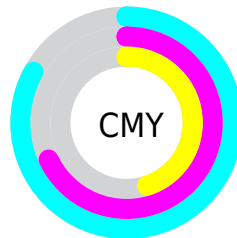
- Red (17%)
- Green (32%)
- Blue (55%)



- Red (17%)
- Yellow (28%)
- Blue (55%)



- Cyan (69%)
- Magenta (43%)
- Yellow (0%)
- Black (45%)



- Cyan (83%)
- Magenta (68%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C518D 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 2C518D by changing the saturation by 10% instead.

■ 2C518D

■ 2C518D

FFFFFF

■ 023A73

■ 6582C3

■ 00255A

■ 809CDF

■ 001042

■ 9CB7FC

■ 00032C

■ B8D2FF

■ 000116

■ D5EEFF

■ 000000

■ F2FFFF

■ 2C518D

■ 2C518D

■ 1E488D

■ 3A5A8D

■ 10408D

■ 48628D

■ 02378D

■ 566B8D

■ 00368D

■ 64748D

■ 737D8D

■ 81858D

■ 8F8E8D

■ 9D978D

■ AB9F8D

Harmonies

Analogous

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



005A8B



2C518D



62457F

Triad

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



2C518D



833D2B



005F3D

Complementary

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



2C518D



8D682C

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.



355B21



2C518D



714915

Square

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



2C518D



893547



575410



00605D

Rectangle

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



2C518D



773C6F



575410



105E33

Sweetspot

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



2C518D



91A0B8



2C8D68



454E5C



DBDBDB



5C5C5C

Same Dimension

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



2C518D



1F59B8



372C8D



404347



003487



000308

Inverse Universe

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



8D2C51



B81F59



828D2C



474043



870034



080003

Previews

White Background



This preview shows how the Hex color 2C518D looks on a white background.

Color Contrast Check

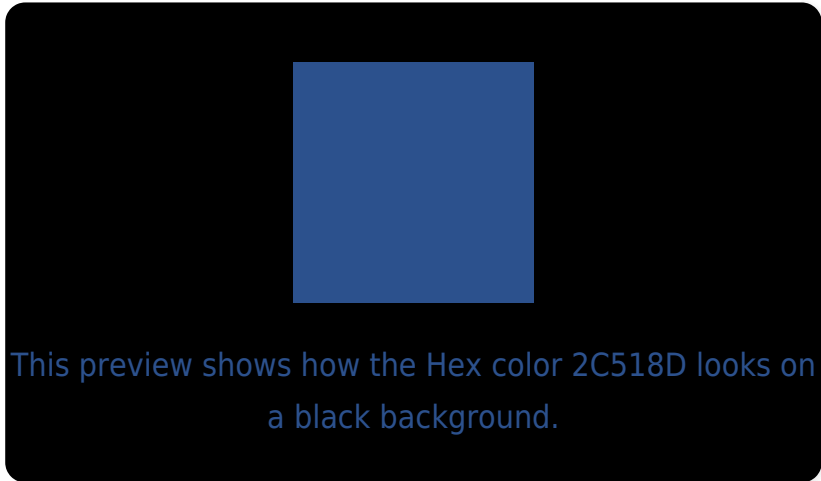
Large Text (above 18pt) WCAG AA ✓ Pass

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 2C518D Background



This preview shows how black text looks on a background with the Hex color 2C518D.



This preview shows how white text looks on a background with the Hex color 2C518D.

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
2C518D

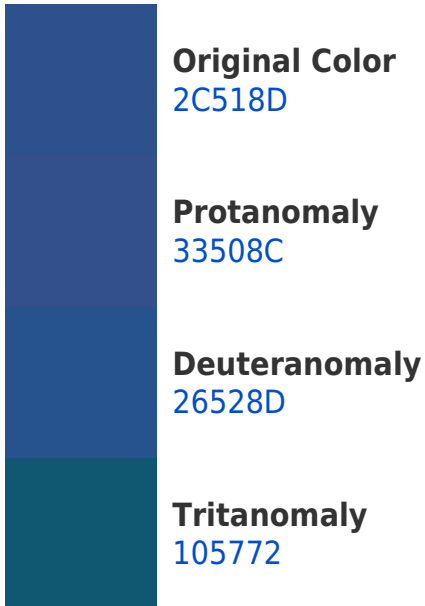
Protanopia
374F8B

Deuteranopia
23528D



Tritanopia
005A62

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2C518D 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 #2C518D looks like.

```
.text, #text, p{  
    color:#2C518D  
}
```

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 #2C518D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C518D
}
```

Border

The CSS property to change the border of an element to Hex 2C518D 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
#2C518D }
```

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

```
.border{ border-color:#2C518D }
```

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

Here you see how a box with a 4 pixel #2C518D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C518D; -webkit-box-shadow:4px 4px  
4px 4px #2C518D; box-shadow:4px 4px 4px  
4px #2C518D }
```

Background

The CSS property to change the background color of an element to Hex 2C518D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C518D }
```

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

```
.background{ background-color:#2C518D }
```

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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