

Converting Colors

Hex(2D5092)

Have a look what the booklet for
Hex(2D5092) contains.

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Color

Hex(2D5092)

Conversions

Conversions Part 1

Format	Color
Hex	2D5092
RGB	45, 80, 146
RGB Percent	18%, 31%, 57%
CMY	0.8235, 0.6863, 0.4275
CMYK	0.69, 0.45, 0.00, 0.43
HSL	219°, 53%, 37%
HSV	219°, 69%, 57%
XYZ	9.1392, 8.3705, 28.3281
YIQ	77.0590, -42.0460, 13.1060

Conversions

Conversions Part 2

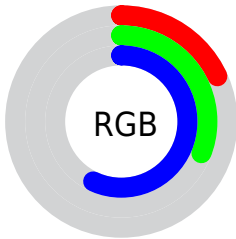
Format	Color
R_{YB}	45, 71, 146
Decimal	2969746
CIE _{Lab}	34.74, 10.35, -40.19
CIE _{LCh}	35, 41.500, 284.436
Yxy	8.3705, 0.1994, 0.1826
Android (android.graphics.Color)	4281159826 (0xFF2D5092)
YUV	77.0590, 33.9879, -28.1157
Hunter-Lab	28.9319, 5.7548, -37.8004

Details

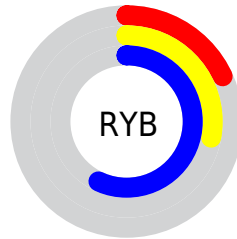
The Hex color **2D5092** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **926F2D**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **6681C8**, and **00245F** is the 20% darker color. If you saturate the color by 10%, you get **1E4692**, and if you desaturate by 10%, it is **3C5A92**.

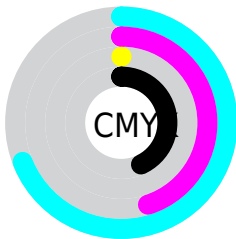
Distribution



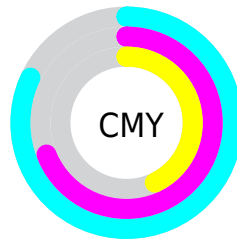
- Red (18%)
- Green (31%)
- Blue (57%)



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



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



- Cyan (82%)
- Magenta (69%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D5092 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 2D5092 by changing the saturation by 10% instead.

■ 2D5092

■ 2D5092

FFFFFF

■ 013978

■ 6681C8

■ 00245F

■ 829BE5

■ 001047

■ 9EB5FF

■ 000430

■ BBD1FF

■ 00011A

■ D7EDFF

■ 000000

■ F5FFFF

■ 2D5092

■ 2D5092

■ 1E4692

■ 3C5A92

■ 103D92

■ 4A6392

■ 013392

■ 596D92

■ 003392

■ 677692

■ 768092

■ 858992

■ 939392

■ A29C92

■ B0A692

Harmonies

Analogous

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



005A91



2D5092



684281

Triad

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



2D5092



853C25



00603F

Complementary

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



2D5092



926F2D

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.



2D5C1F



2D5092



704A0B

Square

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



2D5092



8D3243



535507



006161

Rectangle

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



2D5092



7D386F



535507



005F34

Sweetspot

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



2D5092



95A3BD



2D926F



474F5E



DEDEDE



5E5E5E

Same Dimension

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



2D5092



2056BD



3C2D92



43454A



00308A



00040A

Inverse Universe

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



922D50



BD2056



83922D



4A4345



8A0030



0A0004

Previews

White Background



This preview shows how the Hex color 2D5092 looks on a white background.

Color Contrast Check

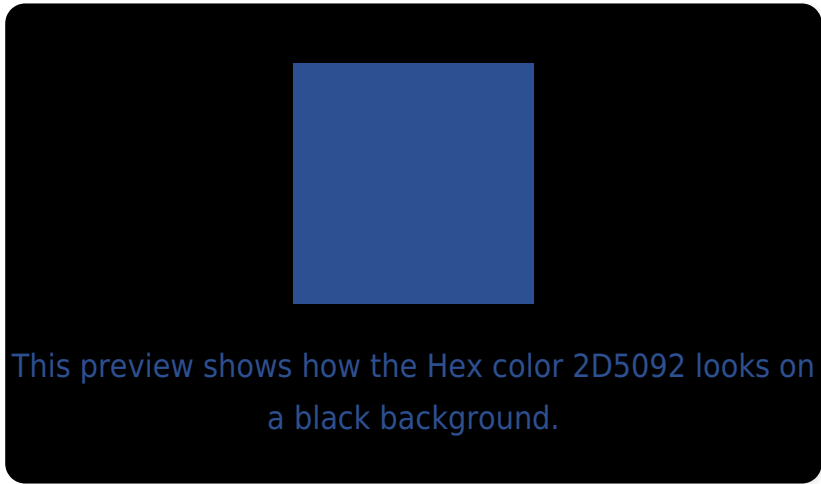
Large Text (above 18pt) WCAG AA ✓ Pass

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

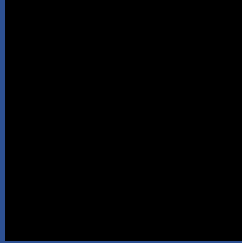
Any Text WCAG AA × Fail

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 2D5092 Background



This preview shows how black text looks on a background with the Hex color 2D5092.



This preview shows how white text looks on a background with the Hex color 2D5092.

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
2D5092

Protanopia
324F91

Deuteranopia
145391



Tritanopia
005A62

Trichromacy



Original Color
2D5092

Protanomaly
304F91

Deuteranomaly
1D5291

Tritanomaly
105673

Monochromacy



Original Color
2D5092

Achromatopsia
4D4D4D

Achromatomaly
414E66

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D5092 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 #2D5092 looks like.

```
.text, #text, p{  
    color:#2D5092  
}
```

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 #2D5092 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D5092
}
```

Border

The CSS property to change the border of an element to Hex 2D5092 is called "border". The border property can be set on classes, ids or directly on the HTML element.

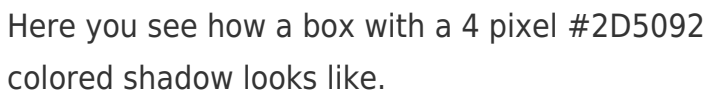
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2D5092 }
```

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

```
.border{ border-color:#2D5092 }
```

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



Here you see how a box with a 4 pixel #2D5092 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D5092; -webkit-box-shadow:4px 4px  
4px 4px #2D5092; box-shadow:4px 4px 4px  
4px #2D5092 }
```

Background

The CSS property to change the background color of an element to Hex 2D5092 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D5092 }
```

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

```
.background{ background-color:#2D5092 }
```

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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