

Converting Colors

Hex(2D5975)

Have a look what the booklet for
Hex(2D5975) contains.

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Color

Hex(2D5975)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 2D5975 |
| RGB | 45, 89, 117 |
| RGB Percent | 18%, 35%, 46% |
| CMY | 0.8235, 0.6510, 0.5412 |
| CMYK | 0.62, 0.24, 0.00, 0.54 |
| HSL | 203°, 44%, 32% |
| HSV | 203°, 62%, 46% |
| XYZ | 7.8655, 8.9870, 18.1497 |
| YIQ | 79.0360, -35.2120, -0.6200 |

Conversions

Conversions Part 2

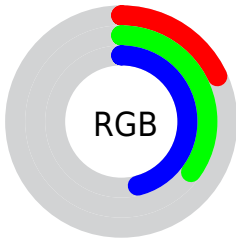
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 45, 72, 117 |
| Decimal | 2972021 |
| CIELab | 35.96, -6.08, -20.48 |
| CIELCh | 36, 21.366, 253.481 |
| Yxy | 8.9870, 0.2247, 0.2568 |
| Android (android.graphics.Color) | 4281162101 (0xFF2D5975) |
| YUV | 79.0360, 18.7163, -29.8496 |
| Hunter-Lab | 29.9783, -5.6288, -14.9110 |




Details

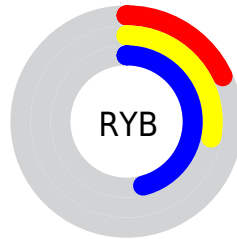
The Hex color **2D5975** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **75492D**, and the grayscale version is **4F4F4F**.




A 20% lighter version of the original color is **628BA9**, and **002C45** is the 20% darker color. If you saturate the color by 10%, you get **215475**, and if you desaturate by 10%, it is **395E75**.

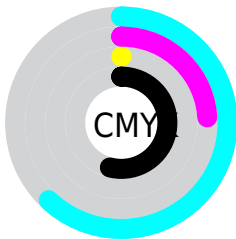
Distribution







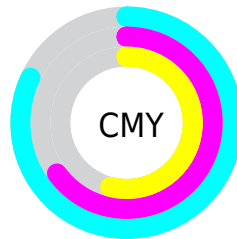
-  Red (18%)
-  Green (35%)
-  Blue (46%)






-  Red (18%)
-  Yellow (28%)
-  Blue (46%)



-  Cyan (62%)
-  Magenta (24%)
-  Yellow (0%)
-  Black (54%)



-  Cyan (82%)
-  Magenta (65%)
-  Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D5975 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 2D5975 by changing the saturation by 10% instead.

■ 2D5975

■ 2D5975

FFFFFF

■ 0E425C

■ 628BA9

■ 002C45

■ 7CA5C4

■ 00182E

■ 97C0E0

■ 000119

■ B3DCFD

■ 000000

■ CFF9FF

■ ECFFFF

■ 2D5975

■ 2D5975

■ 215475

■ 395E75

■ 165075

■ 446275

■ 0A4B75

■ 506775

■ 004775

■ 5C6B75

■ 677075

■ 737475

■ 7F7975

■ 8B7D75

■ 968275

Harmonies

Analogous

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



165D6C



2D5975



495476

Triad

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



2D5975



76484D



455A3B

Complementary

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



2D5975



75492D

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.



585633



2D5975



734B3E

Square

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



2D5975



70495F



685034



305D4A

Rectangle

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



2D5975



594F71



685034



4C5938

Sweetspot

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



2D5975



7D8E99



2D7549



3C464D



CCCCCC



4D4D4D

Same Dimension

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



2D5975



286D99



2D3575



35383B



004B7A



0099FA

Inverse Universe

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



752D59



99286D



756D2D



3B3538



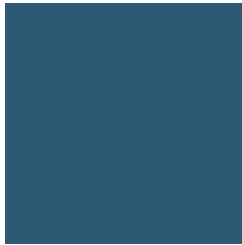
7A004B



FA0099

Previews

White Background



This preview shows how the Hex color 2D5975 looks on a white background.

Color Contrast Check

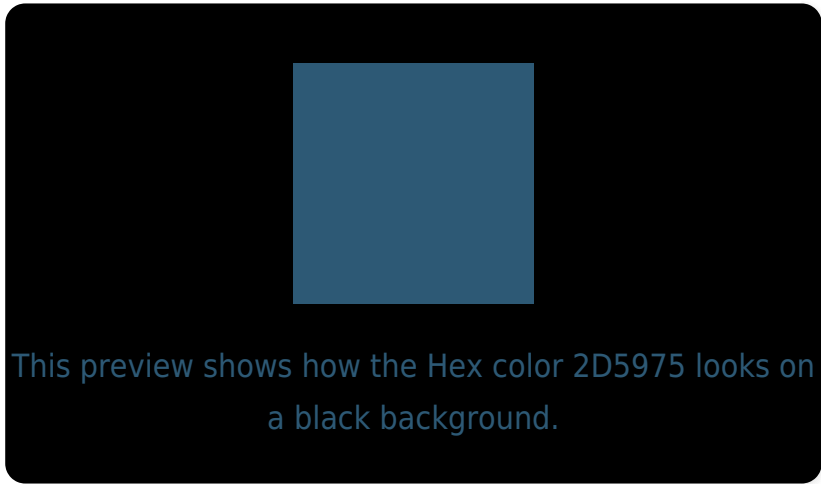
Large Text (above 18pt) WCAG AA ✓ Pass

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

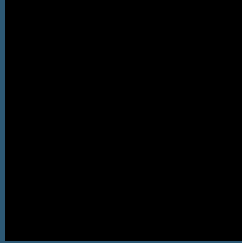
Any Text WCAG AA × Fail

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 2D5975 Background



This preview shows how black text looks on a background with the Hex color 2D5975.




This preview shows how white text looks on a background with the Hex color 2D5975.

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





Tritanopia
255C64

Trichromacy



Original Color
2D5975

Protanomaly
415572

Deuteranomaly
3E5576

Tritanomaly
285B6A

Monochromacy



Original Color
2D5975

Achromatopsia
4F4F4F

Achromatomaly
43535D

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D5975 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 #2D5975 looks like.

```
.text, #text, p{  
    color:#2D5975  
}
```

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 #2D5975 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D5975
}
```

Border

The CSS property to change the border of an element to Hex 2D5975 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
#2D5975 }
```

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

```
.border{ border-color:#2D5975 }
```

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

Here you see how a box with a 4 pixel #2D5975 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D5975; -webkit-box-shadow:4px 4px  
4px 4px #2D5975; box-shadow:4px 4px 4px  
4px #2D5975 }
```

Background

The CSS property to change the background color of an element to Hex 2D5975 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D5975 }
```

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

```
.background{ background-color:#2D5975 }
```

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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