

Converting Colors

Hex(2D5875)

Have a look what the booklet for
Hex(2D5875) contains.

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Color

Hex(2D5875)

Conversions

Conversions Part 1

Format	Color
Hex	2D5875
RGB	45, 88, 117
RGB Percent	18%, 35%, 46%
CMY	0.8235, 0.6549, 0.5412
CMYK	0.62, 0.25, 0.00, 0.54
HSL	204°, 44%, 32%
HSV	204°, 62%, 46%
XYZ	7.7828, 8.8217, 18.1222
YIQ	78.4490, -34.9370, -0.0970

Conversions

Conversions Part 2

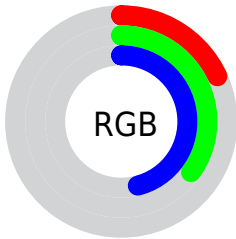
Format	Color
RYB	45, 72, 117
Decimal	2971765
CIELab	35.64, -5.46, -20.98
CIELCh	36, 21.680, 255.415
Yxy	8.8217, 0.2241, 0.2540
Android (android.graphics.Color)	4281161845 (0xFF2D5875)
YUV	78.4490, 19.0056, -29.3348
Hunter-Lab	29.7013, -5.2040, -15.3847

Details

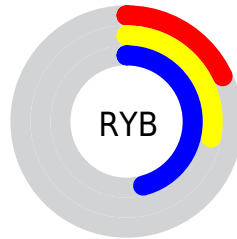
The Hex color **2D5875** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **754A2D**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **628AA9**, and **002B45** is the 20% darker color. If you saturate the color by 10%, you get **215375**, and if you desaturate by 10%, it is **395D75**.

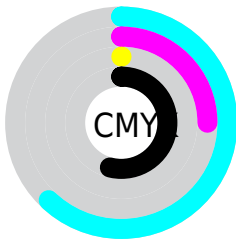
Distribution



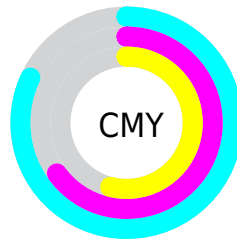
- Red (18%)
- Green (35%)
- Blue (46%)



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



- Cyan (62%)
- Magenta (25%)
- Yellow (0%)
- Black (54%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 2D5875 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 2D5875 by changing the saturation by 10% instead.

■ 2D5875

■ 2D5875

FFFFFF

■ 0E415C

■ 628AA9

■ 002B45

■ 7CA4C4

■ 00172E

■ 97BFE1

■ 000119

■ B3DBFD

■ 000000

■ CFF7FF

■ ECFFFF

■ 2D5875

■ 2D5875

■ 215375

■ 395D75

■ 164F75

■ 446175

■ 0A4A75

■ 506675

■ 004675

■ 5C6B75

■ 677075

■ 737475

■ 7F7975

■ 8B7E75

■ 968275

Harmonies

Analogous

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



135C6C



2D5875



4A5275

Triad

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



2D5875



76474B



435A3B

Complementary

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



2D5875



754A2D

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.



565632



2D5875



724A3C

Square

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



2D5875



70475D



675032



2D5D4B

Rectangle

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



2D5875



5A4E70



675032



4A5937

Sweetspot

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



2D5875



7D8E99



2D754A



3C464D



CCCCCC



4D4D4D

Same Dimension

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



2D5875



286B99



2D3475



35383B



00497A



0095FA

Inverse Universe

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



752D58



99286B



756E2D



3B3538



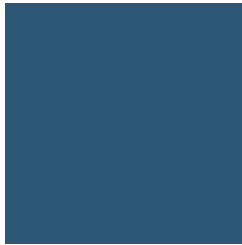
7A0049



FA0095

Previews

White Background



This preview shows how the Hex color 2D5875 looks on a white background.

Color Contrast Check

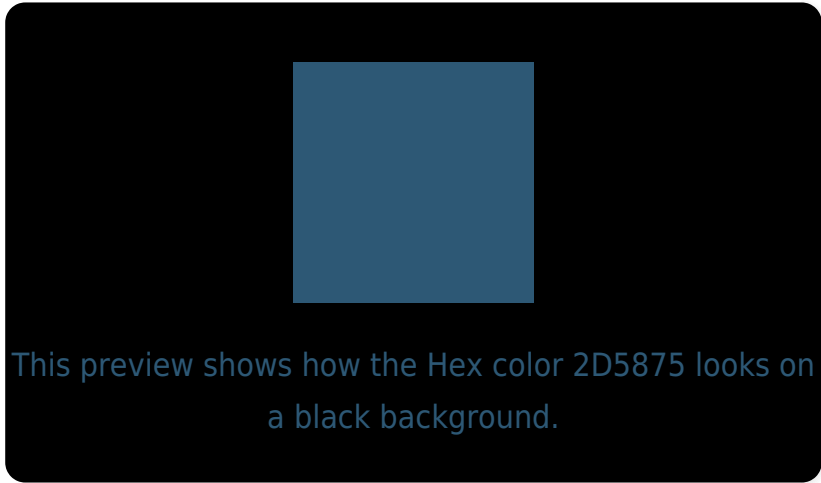
Large Text (above 18pt) WCAG AA ✓ Pass

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

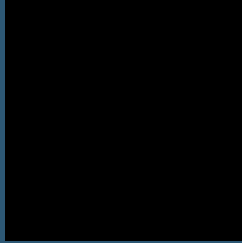
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

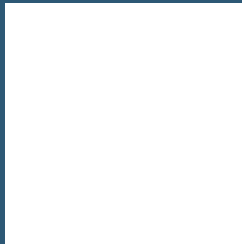
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 2D5875 Background



This preview shows how black text looks on a background with the Hex color 2D5875.



This preview shows how white text looks on a background with the Hex color 2D5875.

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
2D5875

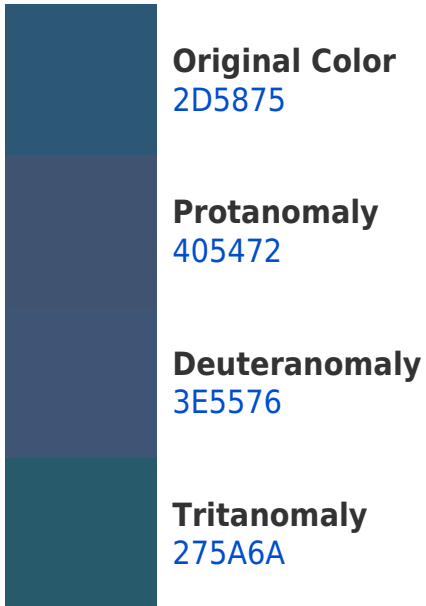
Protanopia
4B5271

Deuteranopia
475376



Tritanopia
245B63

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2D5875 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 #2D5875 looks like.

```
.text, #text, p{  
    color:#2D5875  
}
```

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 #2D5875 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D5875  
}
```

Border

The CSS property to change the border of an element to Hex 2D5875 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  
#2D5875 }
```

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

```
.border{ border-color:#2D5875 }
```

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

Here you see how a box with a 4 pixel #2D5875 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D5875; -webkit-box-shadow:4px 4px  
4px 4px #2D5875; box-shadow:4px 4px 4px  
4px #2D5875 }
```

Background

The CSS property to change the background color of an element to Hex 2D5875 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D5875 }
```

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

```
.background{ background-color:#2D5875 }
```

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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