

Converting Colors

Hex(2D5F60)

Have a look what the booklet for
Hex(2D5F60) contains.

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Color

Hex(2D5F60)

Conversions

Conversions Part 1

Format	Color
Hex	2D5F60
RGB	45, 95, 96
RGB Percent	18%, 37%, 38%
CMY	0.8235, 0.6275, 0.6235
CMYK	0.53, 0.01, 0.00, 0.62
HSL	181°, 36%, 28%
HSV	181°, 53%, 38%
XYZ	7.2857, 9.5868, 12.5328
YIQ	80.1640, -30.1210, -10.2890

Conversions

Conversions Part 2

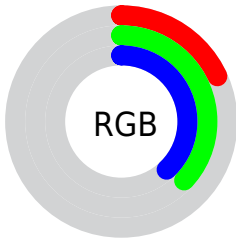
Format	Color
RYB	45, 70, 96
Decimal	2973536
CIELab	37.09, -16.44, -5.75
CIELCh	37, 17.419, 199.285
Yxy	9.5868, 0.2478, 0.3260
Android (android.graphics.Color)	4281163616 (0xFF2D5F60)
YUV	80.1640, 7.8071, -30.8388
Hunter-Lab	30.9626, -12.1823, -2.3251

Details

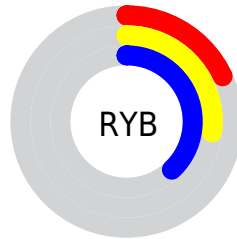
The Hex color **2D5F60** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **602E2D**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **609292**, and **003132** is the 20% darker color. If you saturate the color by 10%, you get **235F60**, and if you desaturate by 10%, it is **375F60**.

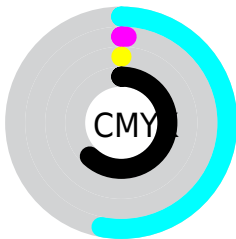
Distribution



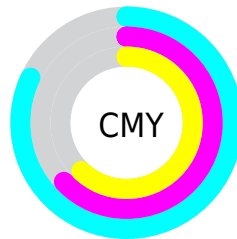
- Red (18%)
- Green (37%)
- Blue (38%)



- Red (18%)
- Yellow (27%)
- Blue (38%)



- Cyan (53%)
- Magenta (1%)
- Yellow (0%)
- Black (62%)



- Cyan (82%)
- Magenta (63%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D5F60 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 2D5F60 by changing the saturation by 10% instead.

■ 2D5F60

■ 2D5F60

FFFFFF

■ 124748

■ 609292

■ 003132

■ 7AACAD

■ 001C1D

■ 94C8C8

■ 000002

■ B0E4E4

■ 000000

■ CCFFFF

■ E8FFFF

■ 2D5F60

■ 2D5F60

■ 235F60

■ 375F60

■ 1A5F60

■ 405F60

■ 105E60

■ 4A6060

■ 075E60

■ 536060

■ 005E60

■ 5D6060

■ 676060

■ 706060

■ 7A6160

■ 836160

Harmonies

Analogous

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



385F52



2D5F60



2F5D6C

Triad

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



2D5F60



64516A



66553C

Complementary

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



2D5F60



602E2D

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.



705043



2D5F60



704D5D

Square

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



2D5F60



525572



744D4F



58593D

Rectangle

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



2D5F60



385B71



744D4F



6A533D

Sweetspot

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



2D5F60



697D7D



2D602E



344040



BFBFBF



404040

Same Dimension

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



2D5F60



2D7B7D



2D4660



2C3030



006E70



00EBF0

Inverse Universe

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



602D5F



7D2D7B



60472D



302C30



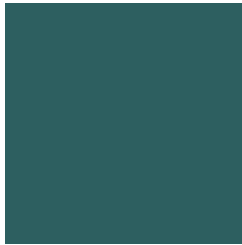
70006E



F000EB

Previews

White Background



This preview shows how the Hex color 2D5F60 looks on a white background.

Color Contrast Check

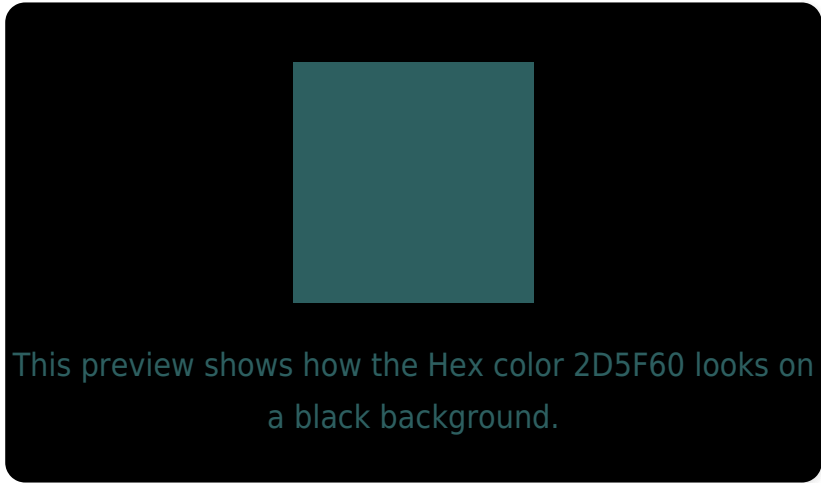
Large Text (above 18pt) WCAG AA ✓ Pass

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

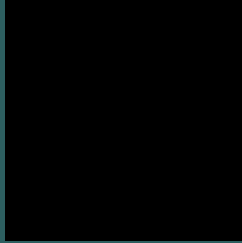
Any Text WCAG AA × Fail

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 2D5F60 Background



This preview shows how black text looks on a background with the Hex color 2D5F60.

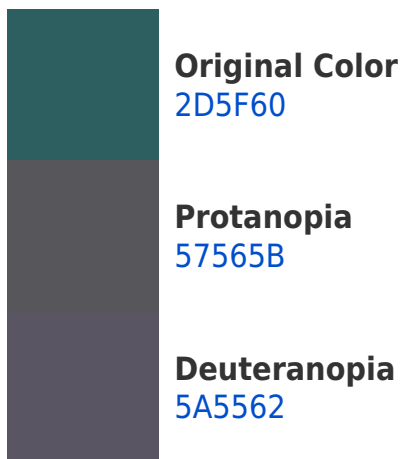



This preview shows how white text looks on a background with the Hex color 2D5F60.

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](#).

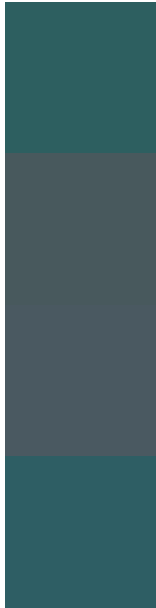
Dichromacy





Tritanopia
2F5E66

Trichromacy



Original Color
2D5F60

Protanomaly
48595D

Deuteranomaly
4A5961

Tritanomaly
2E5E64

Monochromacy



Original Color
2D5F60

Achromatopsia
505050

Achromatomaly
435556

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D5F60 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 #2D5F60 looks like.

```
.text, #text, p{  
    color:#2D5F60  
}
```

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 #2D5F60 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D5F60
}
```

Border

The CSS property to change the border of an element to Hex 2D5F60 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
#2D5F60 }
```

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

```
.border{ border-color:#2D5F60 }
```

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

Here you see how a box with a 4 pixel #2D5F60 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D5F60; -webkit-box-shadow:4px 4px  
4px 4px #2D5F60; box-shadow:4px 4px 4px  
4px #2D5F60 }
```

Background

The CSS property to change the background color of an element to Hex 2D5F60 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D5F60 }
```

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

```
.background{ background-color:#2D5F60 }
```

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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