

Converting Colors

Hex(2D6589)

Have a look what the booklet for
Hex(2D6589) contains.

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Color

Hex(2D6589)

Conversions

Conversions Part 1

Format	Color
Hex	2D6589
RGB	45, 101, 137
RGB Percent	18%, 40%, 54%
CMY	0.8235, 0.6039, 0.4627
CMYK	0.67, 0.26, 0.00, 0.46
HSL	203°, 51%, 36%
HSV	203°, 67%, 54%
XYZ	10.2512, 11.6714, 25.3794
YIQ	88.3600, -44.9320, -0.6760

Conversions

Conversions Part 2

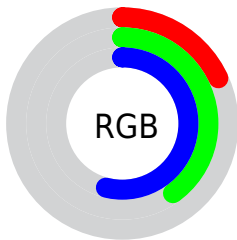
Format	Color
RYB	45, 80, 137
Decimal	2975113
CIELab	40.69, -6.35, -25.34
CIElCh	41, 26.127, 255.943
Yxy	11.6714, 0.2167, 0.2467
Android (android.graphics.Color)	4281165193 (0xFF2D6589)
YUV	88.3600, 23.9795, -38.0267
Hunter-Lab	34.1634, -6.2245, -20.1311

Details

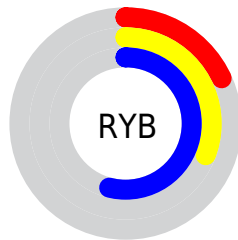
The Hex color **2D6589** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **89512D**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **6598BF**, and **003657** is the 20% darker color. If you saturate the color by 10%, you get **1F6089**, and if you desaturate by 10%, it is **3B6A89**.

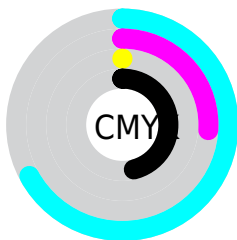
Distribution



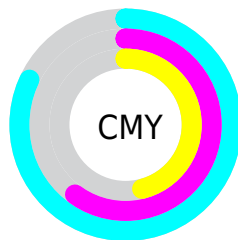
- Red (18%)
- Green (40%)
- Blue (54%)



- Red (18%)
- Yellow (31%)
- Blue (54%)



- Cyan (67%)
- Magenta (26%)
- Yellow (0%)
- Black (46%)



- Cyan (82%)
- Magenta (60%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D6589 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 2D6589 by changing the saturation by 10% instead.

■ 2D6589

■ 2D6589

FFFFFF

■ 064D6F

■ 6598BF

■ 003657

■ 80B2DA

■ 00213F

■ 9CCEF7

■ 000829

■ B8EAF7

■ 000114

■ D5FFFF

■ 000000

■ F2FFFF

■ 2D6589

■ 2D6589

■ 1F6089

■ 3B6A89

■ 125A89

■ 487089

■ 045589

■ 567589

■ 005389

■ 647A89

■ 728089

■ 7F8589

■ 8D8B89

■ 9B9089

■ A89589

Harmonies

Analogous

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



00697E



2D6589



535E89

Triad

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



2D6589



8A4F55



4A6841

Complementary

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



2D6589



89512D

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.



626236



2D6589



855442

Square

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



2D6589



83506B



775B36



2E6B55

Rectangle

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



2D6589



685983



775B36



53663C

Sweetspot

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



2D6589



8FA5B3



2D8950



445159



D9D9D9



595959

Same Dimension

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



2D6589



227AB3



2D3889



3E4245



005185



000305

Inverse Universe

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



892D65



B3227A



897E2D



453E42



850051



050003

Previews

White Background



This preview shows how the Hex color 2D6589 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 × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

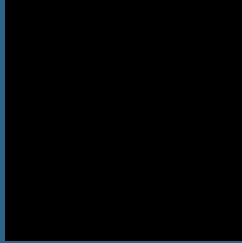
Any Text WCAG AA × Fail

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 2D6589 Background



This preview shows how black text looks on a background with the Hex color 2D6589.

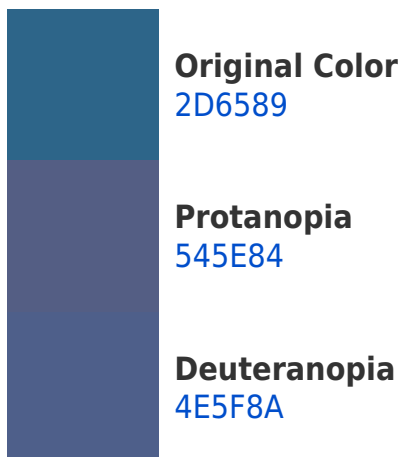


This preview shows how white text looks on a background with the Hex color 2D6589.

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](#).

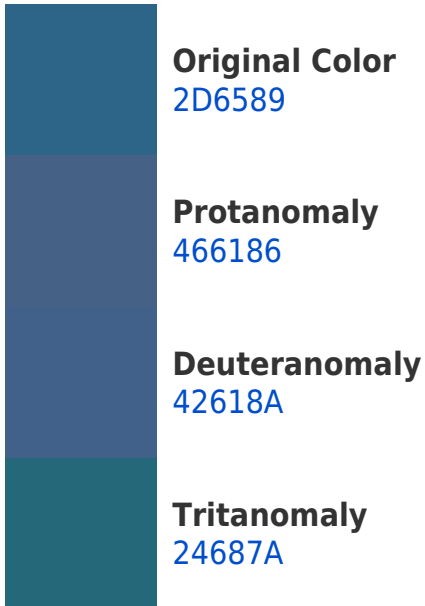
Dichromacy





Tritanopia
1F6972

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2D6589 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 #2D6589 looks like.

```
.text, #text, p{  
    color:#2D6589  
}
```

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 #2D6589 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D6589
}
```

Border

The CSS property to change the border of an element to Hex 2D6589 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
#2D6589 }
```

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

```
.border{ border-color:#2D6589 }
```

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

Here you see how a box with a 4 pixel #2D6589 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D6589; -webkit-box-shadow:4px 4px  
4px 4px #2D6589; box-shadow:4px 4px 4px  
4px #2D6589 }
```

Background

The CSS property to change the background color of an element to Hex 2D6589 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D6589 }
```

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

```
.background{ background-color:#2D6589 }
```

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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