

Converting Colors

Hex(2E5885)

Have a look what the booklet for
Hex(2E5885) contains.

Hex(2E5885)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(2E5885)

Conversions

Conversions Part 1

Format	Color
Hex	2E5885
RGB	46, 88, 133
RGB Percent	18%, 35%, 52%
CMY	0.8196, 0.6549, 0.4784
CMYK	0.65, 0.34, 0.00, 0.48
HSL	211°, 49%, 35%
HSV	211°, 65%, 52%
XYZ	8.8501, 9.2537, 23.5100
YIQ	80.5720, -39.4770, 5.0910

Conversions

Conversions Part 2

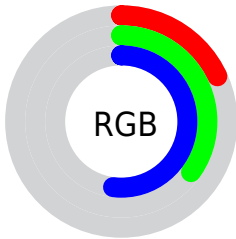
Format	Color
RYB	46, 74, 133
Decimal	3037317
CIELab	36.47, 0.47, -29.52
CIElCh	36, 29.526, 270.907
Yxy	9.2537, 0.2127, 0.2224
Android (android.graphics.Color)	4281227397 (0xFF2E5885)
YUV	80.5720, 25.8470, -30.3196
Hunter-Lab	30.4200, -1.3040, -24.5282

Details

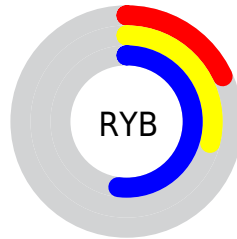
The Hex color **2E5885** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **855B2E**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **658ABA**, and **002B53** is the 20% darker color. If you saturate the color by 10%, you get **215185**, and if you desaturate by 10%, it is **3B5F85**.

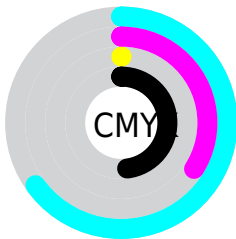
Distribution



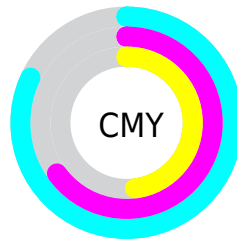
- Red (18%)
- Green (35%)
- Blue (52%)



- Red (18%)
- Yellow (29%)
- Blue (52%)



- Cyan (65%)
- Magenta (34%)
- Yellow (0%)
- Black (48%)



- Cyan (82%)
- Magenta (65%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E5885 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 2E5885 by changing the saturation by 10% instead.

■ 2E5885

■ 2E5885

FFFFFF

■ 0B416C

■ 658ABA

■ 002B53

■ 80A4D6

■ 00173C

■ 9BBFF3

■ 000226

■ B7DBFF

■ 00010E

■ D4F7FF

■ 000000

■ F1FFFF

■ 2E5885

■ 2E5885

■ 215185

■ 3B5F85

■ 134A85

■ 496685

■ 064385

■ 566D85

■ 004085

■ 637485

■ 717A85

■ 7E8185

■ 8B8885

■ 988F85

■ A69685

Harmonies

Analogous

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



005E7F



2E5885



584F7F

Triad

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



2E5885



81453F



2D603E

Complementary

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



2E5885



855B2E

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.



4B5C2C



2E5885



764C2D

Square

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



2E5885



814256



635525



006256

Rectangle

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



2E5885



6C4974



635525



385F37

Sweetspot

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



2E5885



8B9BAD



2E855B



424C57



D6D6D6



575757

Same Dimension

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



2E5885



2667AD



2F2E85



3C3F42



003F82



000103

Inverse Universe

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



852E58



AD2667



84852E



423C3F



82003F



030001

Previews

White Background



This preview shows how the Hex color 2E5885 looks on a white background.

Color Contrast Check

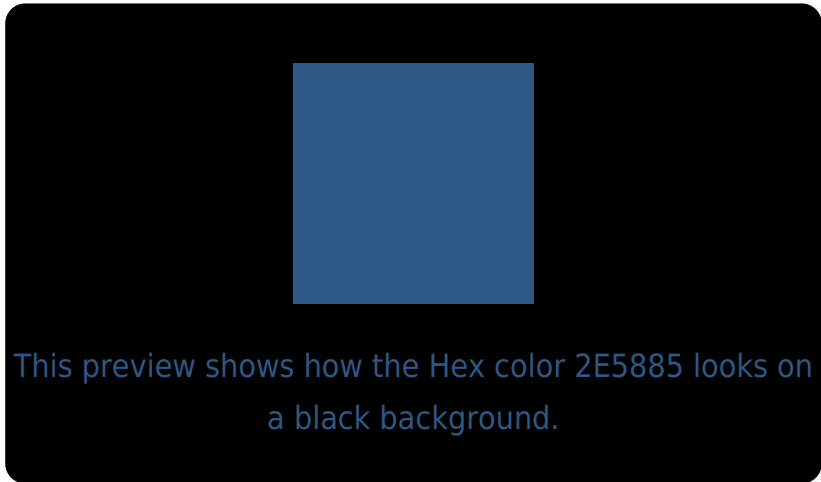
Large Text (above 18pt) WCAG AA ✓ Pass

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

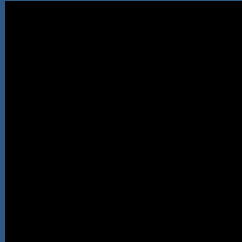
Any Text WCAG AA × Fail

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 2E5885 Background



This preview shows how black text looks on a background with the Hex color 2E5885.

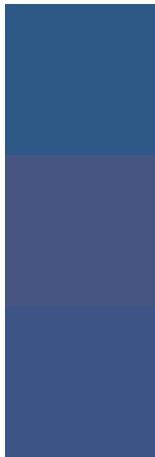


This preview shows how white text looks on a background with the Hex color 2E5885.

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
2E5885

Protanopia
465482

Deuteranopia
3C5586

Trichromacy



Original Color
2E5885

Protanomaly
3D5583

Deuteranomaly
375686

Tritanomaly
235C71

Monochromacy



Original Color
2E5885

Achromatopsia
515151

Achromatomaly
445464

CSS Examples

Text

The CSS property to change the color of the text to Hex 2E5885 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 #2E5885 looks like.

```
.text, #text, p{  
    color:#2E5885  
}
```

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 #2E5885 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E5885
}
```

Border

The CSS property to change the border of an element to Hex 2E5885 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
#2E5885 }
```

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

```
.border{ border-color:#2E5885 }
```

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

Here you see how a box with a 4 pixel #2E5885 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E5885; -webkit-box-shadow:4px 4px  
4px 4px #2E5885; box-shadow:4px 4px 4px  
4px #2E5885 }
```

Background

The CSS property to change the background color of an element to Hex 2E5885 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E5885 }
```

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

```
.background{ background-color:#2E5885 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor