

Converting Colors

Hex(25535C)

Have a look what the booklet for
Hex(25535C) contains.

Hex(25535C)	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(25535C)

Conversions

Conversions Part 1

Format	Color
Hex	25535C
RGB	37, 83, 92
RGB Percent	15%, 33%, 36%
CMY	0.8549, 0.6745, 0.6392
CMYK	0.60, 0.10, 0.00, 0.64
HSL	190°, 43%, 25%
HSV	190°, 60%, 36%
XYZ	5.7880, 7.3525, 11.2393
YIQ	70.2720, -30.3050, -6.9530

Conversions

Conversions Part 2

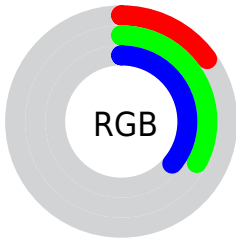
Format	Color
R_{YB}	37, 62, 92
Decimal	2446172
CIE Lab	32.60, -12.75, -10.03
CIE LCh	33, 16.227, 218.187
Yxy	7.3525, 0.2374, 0.3016
Android (android.graphics.Color)	4280636252 (0xFF25535C)
YUV	70.2720, 10.7119, -29.1795
Hunter-Lab	27.1156, -9.3504, -5.5947




Details

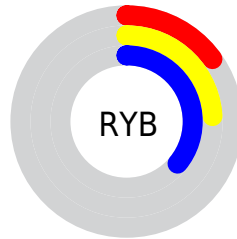
The Hex color **25535C** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5C2E25**, and the grayscale version is **464646**.




A 20% lighter version of the original color is **58858E**, and **00262E** is the 20% darker color. If you saturate the color by 10%, you get **1C515C**, and if you desaturate by 10%, it is **2E555C**.

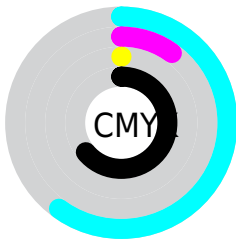
Distribution







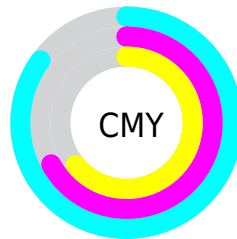
-  Red (15%)
-  Green (33%)
-  Blue (36%)






-  Red (15%)
-  Yellow (24%)
-  Blue (36%)



-  Cyan (60%)
-  Magenta (10%)
-  Yellow (0%)
-  Black (64%)



-  Cyan (85%)
-  Magenta (67%)
-  Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 25535C 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 25535C by changing the saturation by 10% instead.

■ 25535C

■ 25535C

FFFFFF

■ 073C44

■ 58858E

■ 00262E

■ 719FA9

■ 00111A

■ 8CBAC4

■ 000000

■ A7D5E0

■ C3F2FC

■ DFFFFFF

■ FFFFFFF

■ 25535C

■ 25535C

■ 1C515C

■ 2E555C

■ 13505C

■ 37565C

■ 094E5C

■ 41585C

■ 004D5C

■ 4A595C

■ 535B5C

■ 5C5C5C

■ 655E5C

■ 6F5F5C

■ 78615C

Harmonies

Analogous

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



295450



25535C



2F5164

Triad

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



25535C



604456



524D33

Complementary

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



25535C



5C2E25

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.



5E4935



25535C



66434A

Square

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



25535C



534861



65453D



445138

Rectangle

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



25535C



3B4E66



65453D



564C33

Sweetspot

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



25535C



627478



255C2D



303B3D



BDBDBD



3D3D3D

Same Dimension

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



25535C



226A78



25385C



292D2E



005C6E



00C6ED

Inverse Universe

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



5C2553



78226A



5C4925



2E292D



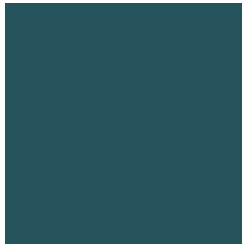
6E005C



ED00C6

Previews

White Background



This preview shows how the Hex color 25535C looks on a white background.

Color Contrast Check

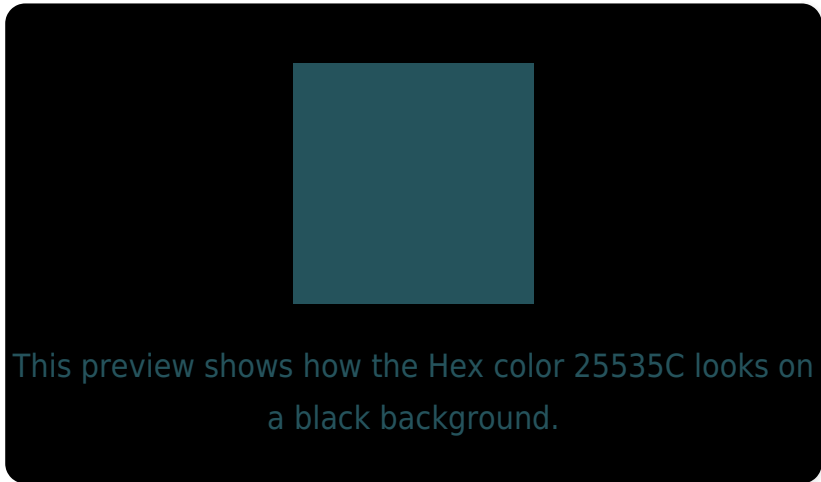
Large Text (above 18pt) WCAG AA ✓ Pass

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

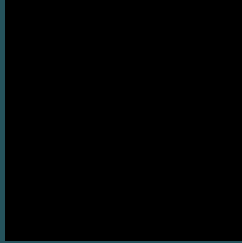
Any Text WCAG AA × Fail

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 25535C Background



This preview shows how black text looks on a background with the Hex color 25535C.



This preview shows how white text looks on a background with the Hex color 25535C.

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

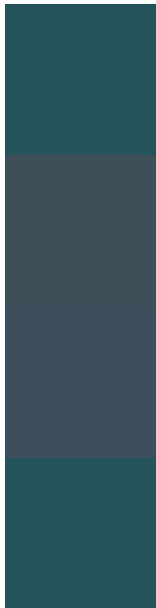


Original Color
25535C

Protanopia
4B4C57

Deuteranopia
4B4B5E

Trichromacy



Original Color
25535C

Protanomaly
3D4F59

Deuteranomaly
3D4E5D

Tritanomaly
24535B

Monochromacy



Original Color
25535C

Achromatopsia
464646

Achromatomaly
3A4B4E

CSS Examples

Text

The CSS property to change the color of the text to Hex 25535C 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 #25535C looks like.

```
.text, #text, p{  
    color:#25535C  
}
```

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 #25535C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #25535C
}
```

Border

The CSS property to change the border of an element to Hex 25535C 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
#25535C }
```

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

```
.border{ border-color:#25535C }
```

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

Here you see how a box with a 4 pixel #25535C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #25535C; -webkit-box-shadow:4px 4px  
4px 4px #25535C; box-shadow:4px 4px 4px  
4px #25535C }
```

Background

The CSS property to change the background color of an element to Hex 25535C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#25535C }
```

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

```
.background{ background-color:#25535C }
```

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