

Converting Colors

Hex(2A555A)

Have a look what the booklet for
Hex(2A555A) contains.

Hex(2A555A)	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(2A555A)

Conversions

Conversions Part 1

Format	Color
Hex	2A555A
RGB	42, 85, 90
RGB Percent	16%, 33%, 35%
CMY	0.8353, 0.6667, 0.6471
CMYK	0.53, 0.06, 0.00, 0.65
HSL	186°, 36%, 26%
HSV	186°, 53%, 35%
XYZ	6.0488, 7.7274, 10.8456
YIQ	72.7130, -27.2330, -7.5610

Conversions

Conversions Part 2

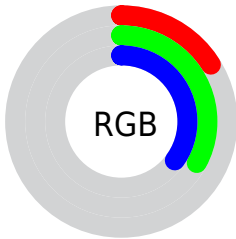
Format	Color
RYB	42, 65, 90
Decimal	2774362
CIELab	33.41, -13.34, -7.52
CIELCh	33, 15.318, 209.413
Yxy	7.7274, 0.2457, 0.3138
Android (android.graphics.Color)	4280964442 (0xFF2A555A)
YUV	72.7130, 8.5225, -26.9353
Hunter-Lab	27.7982, -9.8059, -3.6735

Details

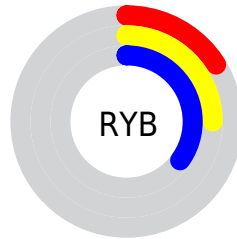
The Hex color **2A555A** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5A2F2A**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **5C878C**, and **00282C** is the 20% darker color. If you saturate the color by 10%, you get **21545A**, and if you desaturate by 10%, it is **33565A**.

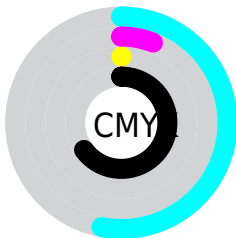
Distribution



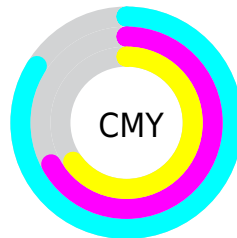
- Red (16%)
- Green (33%)
- Blue (35%)



- Red (16%)
- Yellow (25%)
- Blue (35%)



- Cyan (53%)
- Magenta (6%)
- Yellow (0%)
- Black (65%)



- Cyan (84%)
- Magenta (67%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A555A 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 2A555A by changing the saturation by 10% instead.

■ 2A555A

■ 2A555A

FFFFFF

■ 103E43

■ 5C878C

■ 00282C

■ 75A1A6

■ 001418

■ 90BCC1

■ 000000

■ ABD8DD

■ C7F4FA

■ E3FFFF

■ 2A555A

■ 2A555A

■ 21545A

■ 33565A

■ 18535A

■ 3C575A

■ 0F525A

■ 45585A

■ 06515A

■ 4E595A

■ 00515A

■ 575A5A

■ 605B5A

■ 695C5A

■ 725D5A

■ 7B5D5A

Harmonies

Analogous

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



30554E



2A555A



305363

Triad

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



2A555A



5E485B



584E36

Complementary

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



2A555A



5A2F2A

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.



624A3A



2A555A



66464F

Square

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



2A555A



504C64



674743



4B5139

Rectangle

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



2A555A



395166



674743



5B4C37

Sweetspot

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



2A555A



637375



2A5A2F



30393B



BABABA



3B3B3B

Same Dimension

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



2A555A



2A6D75



2A3D5A



292D2E



00626E



00D4ED

Inverse Universe

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



5A2A55



752A6D



5A472A



2E292D



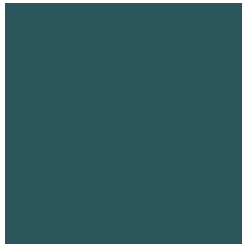
6E0062



ED00D4

Previews

White Background



This preview shows how the Hex color 2A555A looks on a white background.

Color Contrast Check

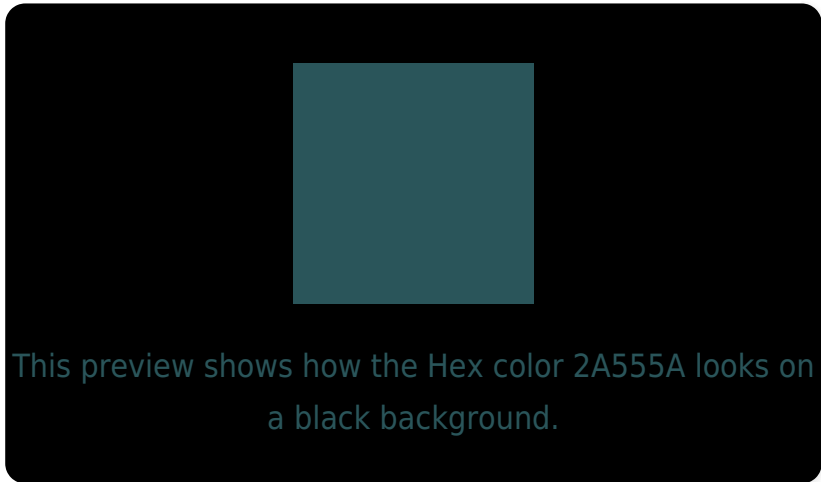
Large Text (above 18pt) WCAG AA ✓ Pass

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

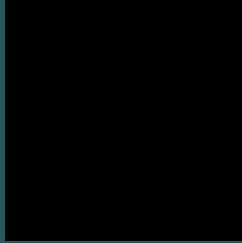
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

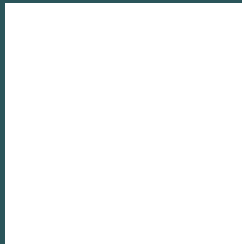
Any Text WCAG AAA × Fail

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

Hex 2A555A Background



This preview shows how black text looks on a background with the Hex color 2A555A.



This preview shows how white text looks on a background with the Hex color 2A555A.

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](#).

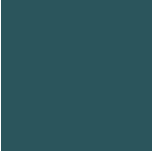
Dichromacy



Original Color
2A555A

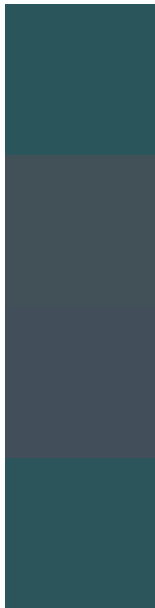
Protanopia
4E4E55

Deuteranopia
4F4C5C



Tritanopia
2B555C

Trichromacy



Original Color
2A555A

Protanomaly
415157

Deuteranomaly
424F5B

Tritanomaly
2B555B

Monochromacy



Original Color
2A555A

Achromatopsia
494949

Achromatomaly
3E4D4F

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A555A 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 #2A555A looks like.

```
.text, #text, p{  
    color:#2A555A  
}
```

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 #2A555A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A555A
}
```

Border

The CSS property to change the border of an element to Hex 2A555A 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
#2A555A }
```

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

```
.border{ border-color:#2A555A }
```

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

Here you see how a box with a 4 pixel #2A555A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A555A; -webkit-box-shadow:4px 4px  
4px 4px #2A555A; box-shadow:4px 4px 4px  
4px #2A555A }
```

Background

The CSS property to change the background color of an element to Hex 2A555A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A555A }
```

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

```
.background{ background-color:#2A555A }
```

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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