

Converting Colors

Hex(2A5D8E)

Have a look what the booklet for
Hex(2A5D8E) contains.

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Color

Hex(2A5D8E)

Conversions

Conversions Part 1

Format	Color
Hex	2A5D8E
RGB	42, 93, 142
RGB Percent	16%, 36%, 56%
CMY	0.8353, 0.6353, 0.4431
CMYK	0.70, 0.35, 0.00, 0.44
HSL	209°, 54%, 36%
HSV	209°, 70%, 56%
XYZ	9.7517, 10.2739, 27.0603
YIQ	83.3370, -46.1250, 4.4270

Conversions

Conversions Part 2

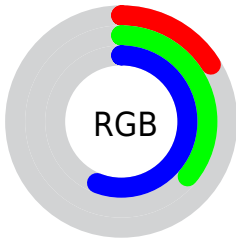
Format	Color
R _Y B	42, 76, 142
Decimal	2776462
CIE Lab	38.33, -0.11, -32.07
CIE LCh	38, 32.072, 269.809
Yxy	10.2739, 0.2071, 0.2182
Android (android.graphics.Color)	4280966542 (0xFF2A5D8E)
YUV	83.3370, 28.9209, -36.2525
Hunter-Lab	32.0530, -1.7865, -27.6177

Details

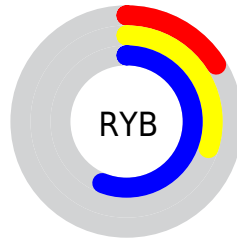
The Hex color **2A5D8E** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **8E5B2A**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **638FC4**, and **00305B** is the 20% darker color. If you saturate the color by 10%, you get **1C568E**, and if you desaturate by 10%, it is **38648E**.

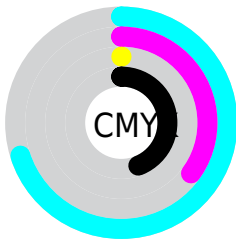
Distribution



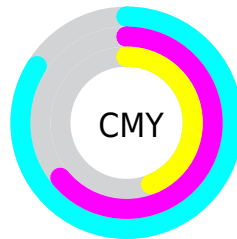
- Red (16%)
- Green (36%)
- Blue (56%)



- Red (16%)
- Yellow (30%)
- Blue (56%)



- Cyan (70%)
- Magenta (35%)
- Yellow (0%)
- Black (44%)



- Cyan (84%)
- Magenta (64%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A5D8E 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 2A5D8E by changing the saturation by 10% instead.

■ 2A5D8E

■ 2A5D8E

FFFFFF

■ 004674

■ 638FC4

■ 00305B

■ 7FA9E0

■ 001B43

■ 9BC5FD

■ 00032D

■ B7E0FF

■ 000117

■ D4FDFF

■ 000000

■ F1FFFF

■ 2A5D8E

■ 2A5D8E

■ 1C568E

■ 38648E

■ 0E4F8E

■ 466B8E

■ 00488E

■ 55728E

■ 63798E

■ 71808E

■ 7F878E

■ 8D8E8E

■ 9C958E

■ AA9C8E

Harmonies

Analogous

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



006487



2A5D8E



5C5387

Triad

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



2A5D8E



8A4742



2E653F

Complementary

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



2A5D8E



8E5B2A

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.



4F602B



2A5D8E



7E4F2E

Square

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



2A5D8E



89445B



6A5925



006759

Rectangle

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



2A5D8E



724D7C



6A5925



3A6437

Sweetspot

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



2A5D8E



91A5B8



2A8E5A



45515C



DBDBDB



5C5C5C

Same Dimension

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



2A5D8E



1C6BB8



2A2C8E



404447



004587



000408

Inverse Universe

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



8E2A5D



B81C6B



8E8C2A



474044



870045



080004

Previews

White Background



This preview shows how the Hex color 2A5D8E looks on a white background.

Color Contrast Check

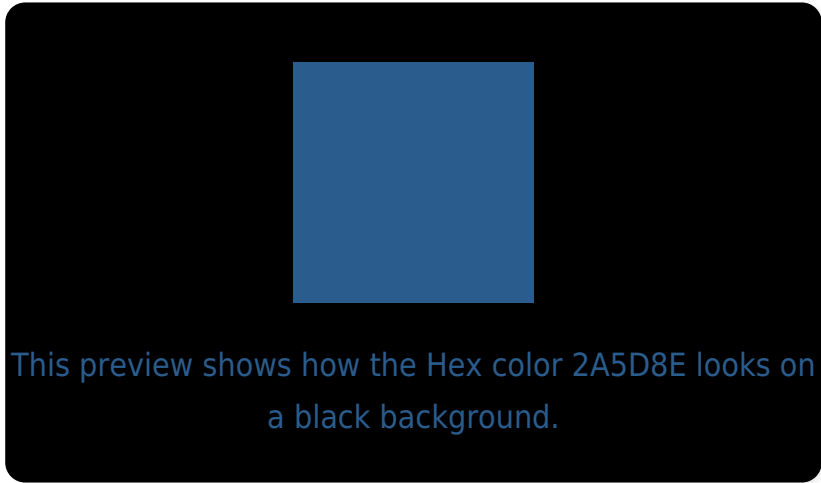
Large Text (above 18pt) WCAG AA ✓ Pass

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

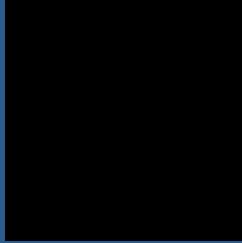
Any Text WCAG AA × Fail

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 2A5D8E Background



This preview shows how black text looks on a background with the Hex color 2A5D8E.



This preview shows how white text looks on a background with the Hex color 2A5D8E.

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
2A5D8E

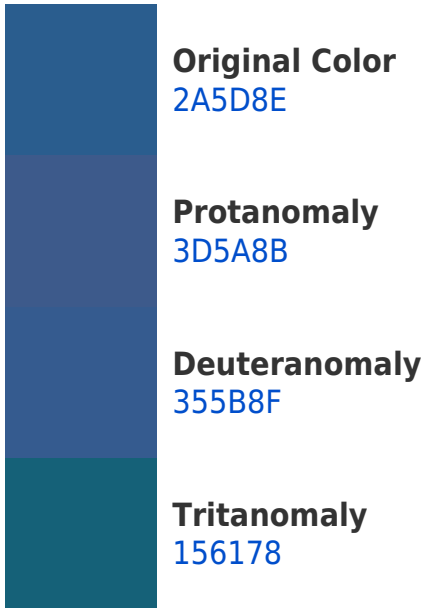
Protanopia
48588A

Deuteranopia
3C5A8F



Tritanopia
09646C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2A5D8E 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 #2A5D8E looks like.

```
.text, #text, p{  
    color:#2A5D8E  
}
```

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 #2A5D8E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A5D8E
}
```

Border

The CSS property to change the border of an element to Hex 2A5D8E 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
#2A5D8E }
```

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

```
.border{ border-color:#2A5D8E }
```

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

Here you see how a box with a 4 pixel #2A5D8E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A5D8E; -webkit-box-shadow:4px 4px  
4px 4px #2A5D8E; box-shadow:4px 4px 4px  
4px #2A5D8E }
```

Background

The CSS property to change the background color of an element to Hex 2A5D8E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A5D8E }
```

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

```
.background{ background-color:#2A5D8E }
```

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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