

Converting Colors

Hex(2A6177)

Have a look what the booklet for
Hex(2A6177) contains.

Hex(2A6177)	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(2A6177)

Conversions

Conversions Part 1

Format	Color
Hex	2A6177
RGB	42, 97, 119
RGB Percent	16%, 38%, 47%
CMY	0.8353, 0.6196, 0.5333
CMYK	0.65, 0.18, 0.00, 0.53
HSL	197°, 48%, 32%
HSV	197°, 65%, 47%
XYZ	8.5593, 10.3735, 19.0039
YIQ	83.0630, -39.8420, -4.8180

Conversions

Conversions Part 2

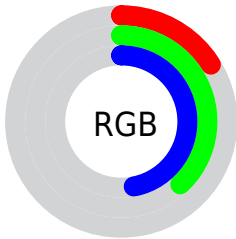
Format	Color
RYB	42, 74, 119
Decimal	2777463
CIELab	38.50, -10.82, -17.80
CIElCh	39, 20.827, 238.702
Yxy	10.3735, 0.2256, 0.2734
Android (android.graphics.Color)	4280967543 (0xFF2A6177)
YUV	83.0630, 17.7169, -36.0123
Hunter-Lab	32.2080, -8.9274, -12.4378

Details

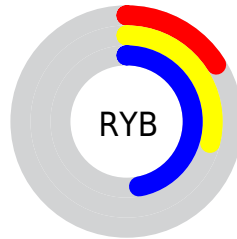
The Hex color **2A6177** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **77402A**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **6094AB**, and **003347** is the 20% darker color. If you saturate the color by 10%, you get **1E5E77**, and if you desaturate by 10%, it is **366477**.

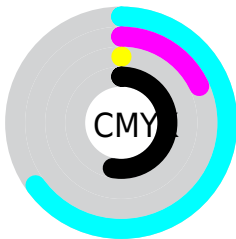
Distribution



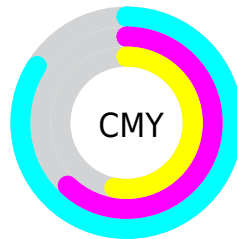
- Red (16%)
- Green (38%)
- Blue (47%)



- Red (16%)
- Yellow (29%)
- Blue (47%)



- Cyan (65%)
- Magenta (18%)
- Yellow (0%)
- Black (53%)



- Cyan (84%)
- Magenta (62%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A6177 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 2A6177 by changing the saturation by 10% instead.

■ 2A6177

■ 2A6177

FFFFFF

■ 07495E

■ 6094AB

■ 003347

■ 7BAEC7

■ 001E30

■ 96CAE3

■ 00011B

■ B2E6FF

■ 000000

■ CEFFFF

■ EBFFFF

■ 2A6177

■ 2A6177

■ 1E5E77

■ 366477

■ 125A77

■ 426877

■ 065777

■ 4E6B77

■ 005577

■ 5A6F77

■ 667277

■ 717577

■ 7D7977

■ 897C77

■ 958077

Harmonies

Analogous

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



21636A



2A6177



435C7C

Triad

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



2A6177



7A4E5C



555F3D

Complementary

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



2A6177



77402A

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.



675939



2A6177



7C4F4B

Square

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



2A6177



6F516C



74543E



426249

Rectangle

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



2A6177



54597A



74543E



5B5D3A

Sweetspot

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



2A6177



7E939C



2A7740



3D4A4F



CFCFCF



4F4F4F

Same Dimension

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



2A6177



22799C



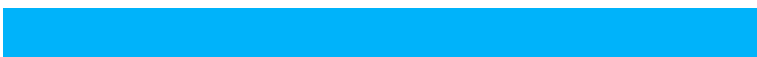
2A3B77



35393B



00577A



00B3FA

Inverse Universe

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



772A61



9C2279



77662A



3B3539



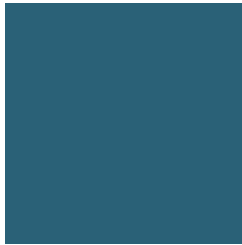
7A0057



FA00B3

Previews

White Background



This preview shows how the Hex color 2A6177 looks on a white background.

Color Contrast Check

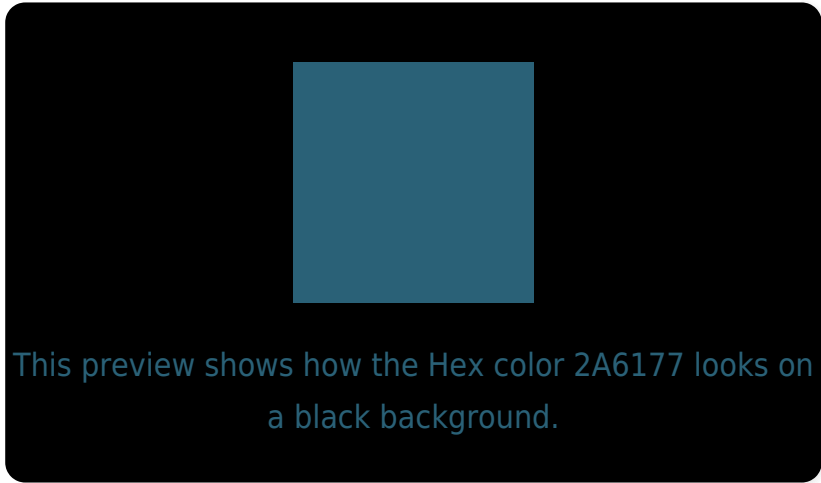
Large Text (above 18pt) WCAG AA ✓ Pass

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

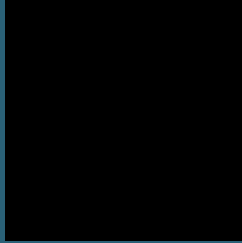
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

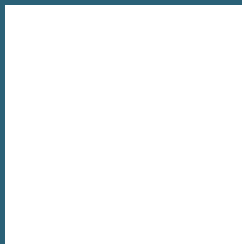
Any Text WCAG AAA × Fail

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

Hex 2A6177 Background



This preview shows how black text looks on a background with the Hex color 2A6177.

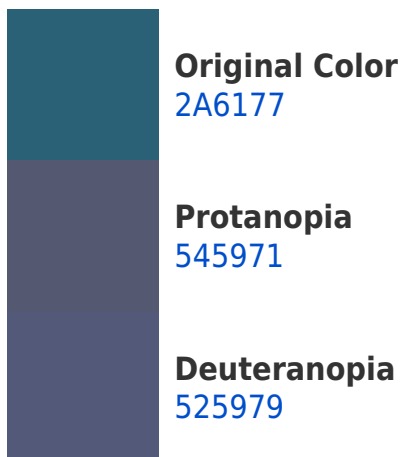


This preview shows how white text looks on a background with the Hex color 2A6177.

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](#).

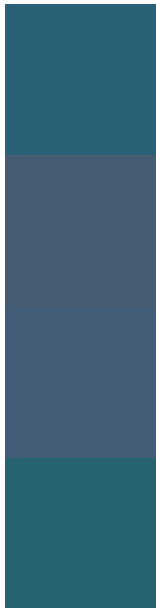
Dichromacy





Tritanopia
24636B

Trichromacy



Original Color
2A6177

Protanomaly
455C73

Deuteranomaly
435C78

Tritanomaly
26626F

Monochromacy



Original Color
2A6177

Achromatopsia
535353

Achromatomaly
445860

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A6177 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 #2A6177 looks like.

```
.text, #text, p{  
    color:#2A6177  
}
```

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 #2A6177 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A6177
}
```

Border

The CSS property to change the border of an element to Hex 2A6177 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
#2A6177 }
```

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

```
.border{ border-color:#2A6177 }
```

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

Here you see how a box with a 4 pixel #2A6177 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A6177; -webkit-box-shadow:4px 4px  
4px 4px #2A6177; box-shadow:4px 4px 4px  
4px #2A6177 }
```

Background

The CSS property to change the background color of an element to Hex 2A6177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A6177 }
```

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

```
.background{ background-color:#2A6177 }
```

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