

Converting Colors

Hex(2E6188)

Have a look what the booklet for
Hex(2E6188) contains.

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Color

Hex(2E6188)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 2E6188 |
| RGB | 46, 97, 136 |
| RGB Percent | 18%, 38%, 53% |
| CMY | 0.8196, 0.6196, 0.4667 |
| CMYK | 0.66, 0.29, 0.00, 0.47 |
| HSL | 206°, 49%, 36% |
| HSV | 206°, 66%, 53% |
| XYZ | 9.8453, 10.9078, 24.8791 |
| YIQ | 86.1970, -42.9150, 1.3170 |

Conversions

Conversions Part 2

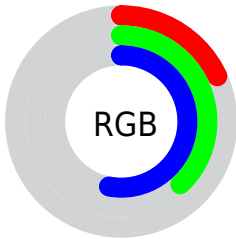
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 46, 79, 136 |
| Decimal | 3039624 |
| CIELab | 39.42, -4.08, -26.71 |
| CIELCh | 39, 27.020, 261.315 |
| Yxy | 10.9078, 0.2158, 0.2390 |
| Android (android.graphics.Color) | 4281229704 (0xFF2E6188) |
| YUV | 86.1970, 24.5529, -35.2528 |
| Hunter-Lab | 33.0270, -4.5863, -21.5440 |

Details

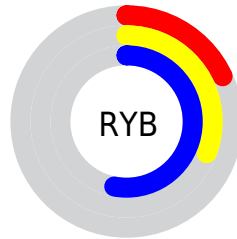
The Hex color **2E6188** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **88552E**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **6593BE**, and **003356** is the 20% darker color. If you saturate the color by 10%, you get **205B88**, and if you desaturate by 10%, it is **3C6788**.

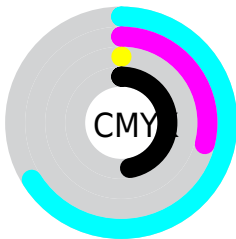
Distribution



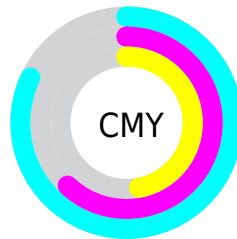
- Red (18%)
- Green (38%)
- Blue (53%)



- Red (18%)
- Yellow (31%)
- Blue (53%)



- Cyan (66%)
- Magenta (29%)
- Yellow (0%)
- Black (47%)



- Cyan (82%)
- Magenta (62%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E6188 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 2E6188 by changing the saturation by 10% instead.

■ 2E6188

■ 2E6188

FFFFFF

■ 09496E

■ 6593BE

■ 003356

■ 81AED9

■ 001E3E

■ 9CC9F6

■ 000329

■ B8E5FF

■ 000112

■ D5FFFF

■ 000000

■ F2FFFF

■ 2E6188

■ 2E6188

■ 205B88

■ 3C6788

■ 135588

■ 496D88

■ 054F88

■ 577388

■ 004D88

■ 647988

■ 727E88

■ 808488

■ 8D8A88

■ 9B9088

■ A89688

Harmonies

Analogous

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



00667F



2E6188



565A86

Triad

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



2E6188



874C4E



426541

Complementary

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



2E6188



88552E

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.



5B6033



2E6188



80523B

Square

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



2E6188



834C64



715931



226855

Rectangle

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



2E6188



6A547E



715931



4B643B

Sweetspot

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



2E6188



8DA1B0



2E8855



445059



D9D9D9



595959

Same Dimension

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



2E6188



2574B0



2E3488



3E4245



004B85



000305

Inverse Universe

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



882E61



B02574



88822E



453E42



85004B



050003

Previews

White Background



This preview shows how the Hex color 2E6188 looks on a white background.

Color Contrast Check

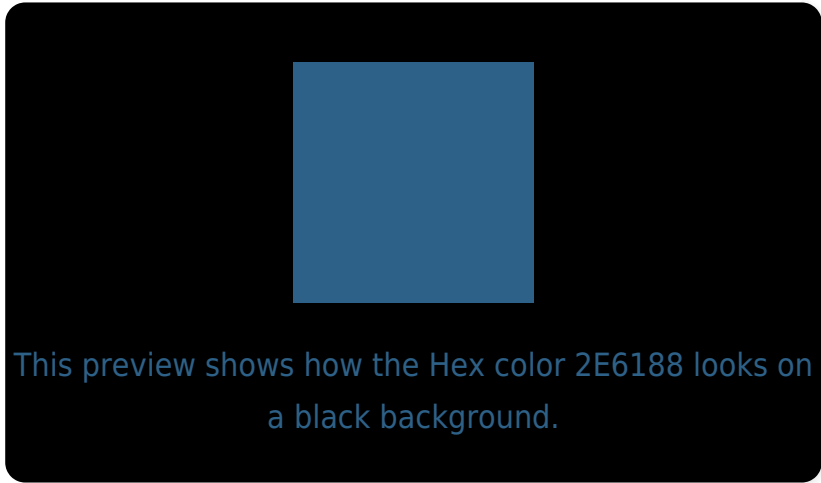
Large Text (above 18pt) WCAG AA ✓ Pass

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

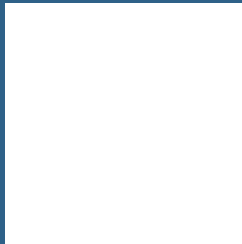
Any Text WCAG AAA × Fail

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

Hex 2E6188 Background



This preview shows how black text looks on a background with the Hex color 2E6188.

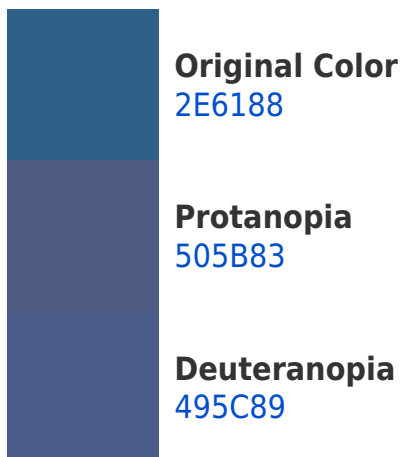



This preview shows how white text looks on a background with the Hex color 2E6188.

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](#).

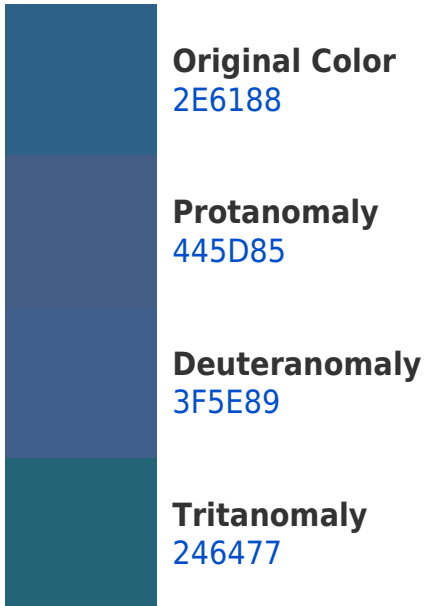
Dichromacy



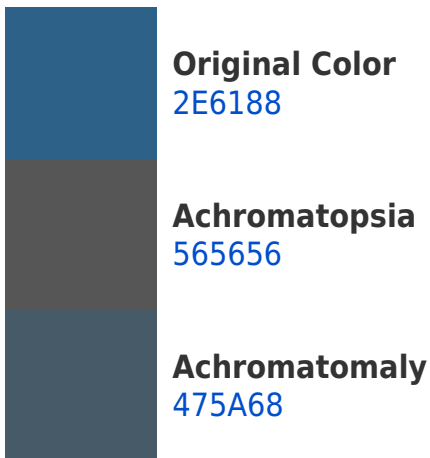


Tritanopia
1F666E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2E6188 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 #2E6188 looks like.

```
.text, #text, p{  
    color:#2E6188  
}
```

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 #2E6188 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E6188
}
```

Border

The CSS property to change the border of an element to Hex 2E6188 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
#2E6188 }
```

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

```
.border{ border-color:#2E6188 }
```

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

Here you see how a box with a 4 pixel #2E6188 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E6188; -webkit-box-shadow:4px 4px  
4px 4px #2E6188; box-shadow:4px 4px 4px  
4px #2E6188 }
```

Background

The CSS property to change the background color of an element to Hex 2E6188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E6188 }
```

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

```
.background{ background-color:#2E6188 }
```

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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