

Converting Colors

Hex(2E6483)

Have a look what the booklet for
Hex(2E6483) contains.

Hex(2E6483)	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(2E6483)

Conversions

Conversions Part 1

Format	Color
Hex	2E6483
RGB	46, 100, 131
RGB Percent	18%, 39%, 51%
CMY	0.8196, 0.6078, 0.4863
CMYK	0.65, 0.24, 0.00, 0.49
HSL	202°, 48%, 35%
HSV	202°, 65%, 51%
XYZ	9.7806, 11.3339, 23.1449
YIQ	87.3880, -42.1350, -1.8070

Conversions

Conversions Part 2

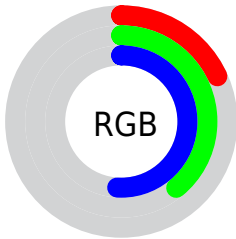
Format	Color
RYB	46, 79, 131
Decimal	3040387
CIELab	40.14, -7.67, -22.57
CIELCh	40, 23.839, 251.239
Yxy	11.3339, 0.2210, 0.2561
Android (android.graphics.Color)	4281230467 (0xFF2E6483)
YUV	87.3880, 21.5007, -36.2973
Hunter-Lab	33.6658, -7.0573, -17.1952

Details

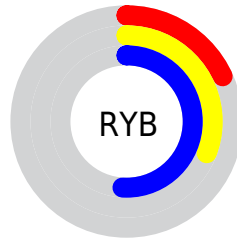
The Hex color **2E6483** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **834D2E**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **6597B8**, and **003551** is the 20% darker color. If you saturate the color by 10%, you get **215F83**, and if you desaturate by 10%, it is **3B6983**.

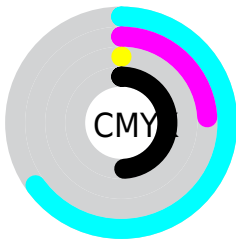
Distribution



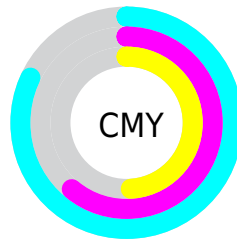
- Red (18%)
- Green (39%)
- Blue (51%)



- Red (18%)
- Yellow (31%)
- Blue (51%)



- Cyan (65%)
- Magenta (24%)
- Yellow (0%)
- Black (49%)



- Cyan (82%)
- Magenta (61%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E6483 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 2E6483 by changing the saturation by 10% instead.

■ 2E6483

■ 2E6483

FFFFFF

■ 0B4C6A

■ 6597B8

■ 003551

■ 80B1D4

■ 00203A

■ 9BCDF0

■ 000325

■ B7E9FF

■ 00010D

■ D4FFFF

■ 000000

■ F1FFFF

■ 2E6483

■ 2E6483

■ 215F83

■ 3B6983

■ 145A83

■ 486E83

■ 075683

■ 557283

■ 005383

■ 627783

■ 707C83

■ 7D8183

■ 8A8583

■ 978A83

■ A48F83

Harmonies

Analogous

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



126878



2E6483



4F5E85

Triad

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



2E6483



855058



4F6541

Complementary

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



2E6483



834D2E

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.



646038



2E6483



825346

Square

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



2E6483



7D516C



76593A



376851

Rectangle

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



2E6483



625980



76593A



56633D

Sweetspot

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



2E6483



8A9FAB



2E834C



434F57



D6D6D6



575757

Same Dimension

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



2E6483



267AAB



2E3B83



3C4042



005382



000203

Inverse Universe

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



832E64



AB267A



83762E



423C40



820053



030002

Previews

White Background



This preview shows how the Hex color 2E6483 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

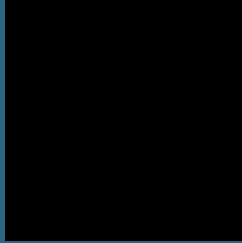
Any Text WCAG AA × Fail

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 2E6483 Background



This preview shows how black text looks on a background with the Hex color 2E6483.



This preview shows how white text looks on a background with the Hex color 2E6483.

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](#).

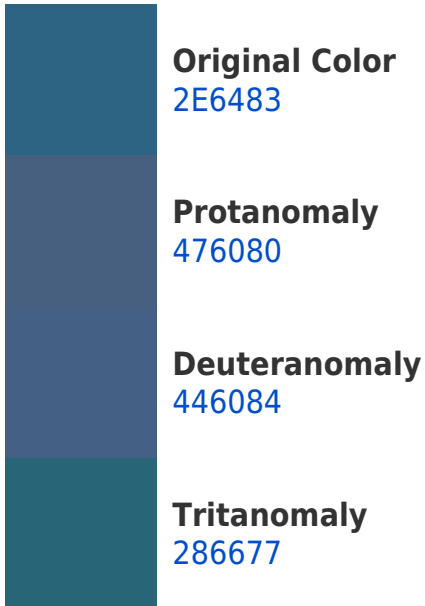
Dichromacy





Tritanopia
246770

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2E6483 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 #2E6483 looks like.

```
.text, #text, p{  
  color:#2E6483  
}
```

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 #2E6483 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E6483
}
```

Border

The CSS property to change the border of an element to Hex 2E6483 is called "border". The border property can be set on classes, ids or directly on the HTML element.

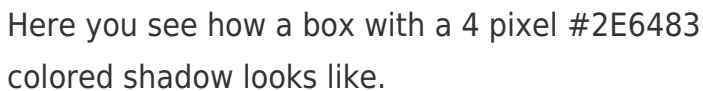
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2E6483 }
```

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

```
.border{ border-color:#2E6483 }
```

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



Here you see how a box with a 4 pixel #2E6483 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E6483; -webkit-box-shadow:4px 4px  
4px 4px #2E6483; box-shadow:4px 4px 4px  
4px #2E6483 }
```

Background

The CSS property to change the background color of an element to Hex 2E6483 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E6483 }
```

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

```
.background{ background-color:#2E6483 }
```

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