

Converting Colors

Hex(2E7083)

Have a look what the booklet for
Hex(2E7083) contains.

Hex(2E7083)	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(2E7083)

Conversions

Conversions Part 1

Format	Color
Hex	2E7083
RGB	46, 112, 131
RGB Percent	18%, 44%, 51%
CMY	0.8196, 0.5608, 0.4863
CMYK	0.65, 0.15, 0.00, 0.49
HSL	193°, 48%, 35%
HSV	193°, 65%, 51%
XYZ	11.0176, 13.8079, 23.5572
YIQ	94.4320, -45.4350, -8.0830

Conversions

Conversions Part 2

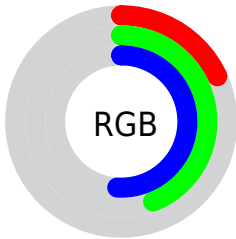
Format	Color
RYB	46, 83, 131
Decimal	3043459
CIELab	43.96, -14.64, -16.69
CIElCh	44, 22.203, 228.750
Yxy	13.8079, 0.2277, 0.2854
Android (android.graphics.Color)	4281233539 (0xFF2E7083)
YUV	94.4320, 18.0280, -42.4749
Hunter-Lab	37.1590, -12.1030, -11.5761

Details

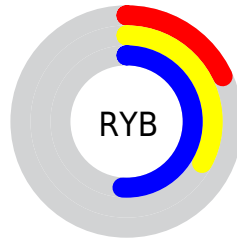
The Hex color **2E7083** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **83412E**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **66A4B8**, and **004052** is the 20% darker color. If you saturate the color by 10%, you get **216D83**, and if you desaturate by 10%, it is **3B7383**.

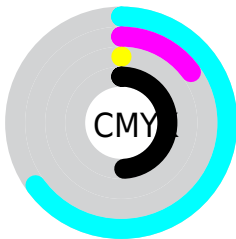
Distribution



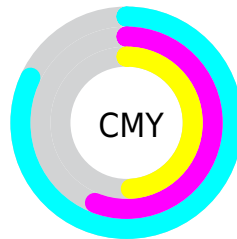
- Red (18%)
- Green (44%)
- Blue (51%)



- Red (18%)
- Yellow (33%)
- Blue (51%)



- Cyan (65%)
- Magenta (15%)
- Yellow (0%)
- Black (49%)



- Cyan (82%)
- Magenta (56%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E7083 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 2E7083 by changing the saturation by 10% instead.

 2E7083

 2E7083

FFFFFF

 09576A

 66A4B8

 004052

 81BFD4

 002A3B

 9CDBF0

 001725

 B9F7FF

 00010F


 D5FFFF

 000000

 F2FFFF

 2E7083

 2E7083

 216D83

 3B7383

■ 146A83

■ 487683

■ 076783

■ 557983

■ 006683

■ 627C83

■ 707F83

■ 7D8283

■ 8A8483

■ 978783

■ A48A83

Harmonies

Analogous

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



2D7273



2E7083



456C8C

Triad

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



2E7083



885B70



696A45

Complementary

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



2E7083



83412E

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.



7B6444



2E7083



8D5A5D

Square

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



2E7083



785F80



885E4D



546F4F

Rectangle

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



2E7083



57688C



885E4D



6F6843

Sweetspot

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



2E7083



8AA4AB



2E8340



435257



D6D6D6



575757

Same Dimension

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



2E7083



268DAB



2E4683



3C4142



006582



000203

Inverse Universe

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



832E70



AB268D



836B2E



423C41



820065



030002

Previews

White Background



This preview shows how the Hex color 2E7083 looks on a white background.

Color Contrast Check

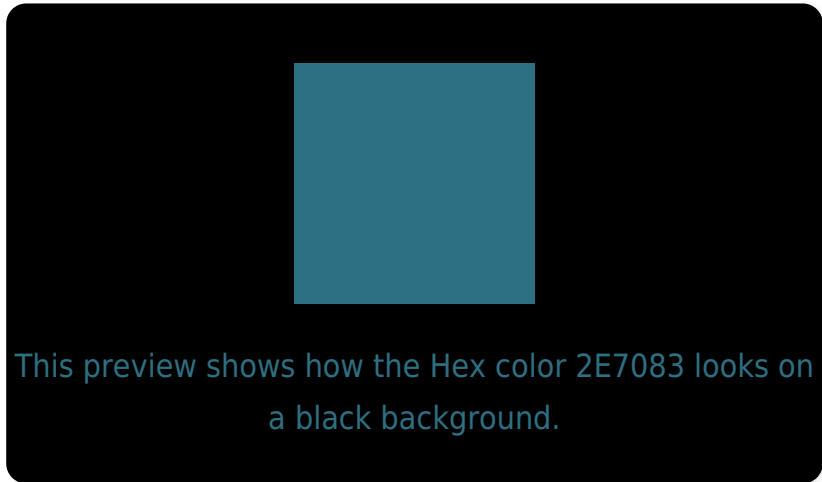
Large Text (above 18pt) WCAG AA ✓ Pass

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

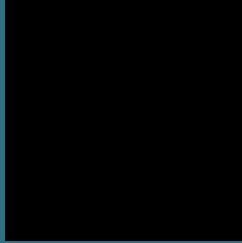
Any Text WCAG AA × Fail

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 2E7083 Background



This preview shows how black text looks on a background with the Hex color 2E7083.

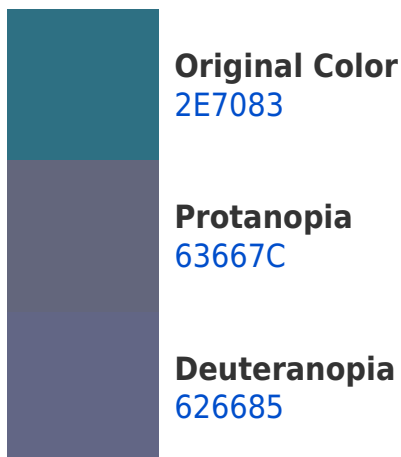


This preview shows how white text looks on a background with the Hex color 2E7083.

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](#).

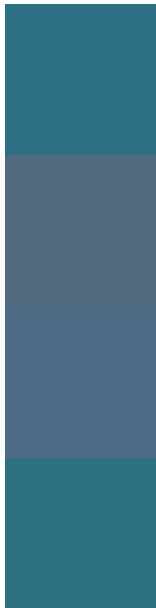
Dichromacy





Tritanopia
2A717B

Trichromacy



Original Color
2E7083

Protanomaly
506A7F

Deuteranomaly
4F6A84

Tritanomaly
2B717E

Monochromacy



Original Color
2E7083

Achromatopsia
5E5E5E

Achromatomaly
4D656B

CSS Examples

Text

The CSS property to change the color of the text to Hex 2E7083 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 #2E7083 looks like.

```
.text, #text, p{  
    color:#2E7083  
}
```

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 #2E7083 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E7083
}
```

Border

The CSS property to change the border of an element to Hex 2E7083 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
#2E7083 }
```

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

```
.border{ border-color:#2E7083 }
```

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

Here you see how a box with a 4 pixel #2E7083 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E7083; -webkit-box-shadow:4px 4px  
4px 4px #2E7083; box-shadow:4px 4px 4px  
4px #2E7083 }
```

Background

The CSS property to change the background color of an element to Hex 2E7083 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E7083 }
```

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

```
.background{ background-color:#2E7083 }
```

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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