

Converting Colors

Hex(2E506B)

Have a look what the booklet for
Hex(2E506B) contains.

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Color

Hex(2E506B)

Conversions

Conversions Part 1

Format	Color
Hex	2E506B
RGB	46, 80, 107
RGB Percent	18%, 31%, 42%
CMY	0.8196, 0.6863, 0.5804
CMYK	0.57, 0.25, 0.00, 0.58
HSL	207°, 40%, 30%
HSV	207°, 57%, 42%
XYZ	6.6492, 7.3797, 14.9839
YIQ	72.9120, -28.9310, 1.1890

Conversions

Conversions Part 2

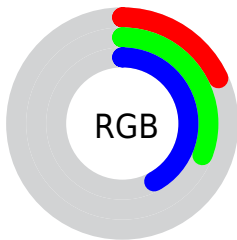
Format	Color
R_{YB}	46, 68, 107
Decimal	3035243
CIE _{Lab}	32.66, -3.70, -19.37
CIE _{LCh}	33, 19.718, 259.177
Yxy	7.3797, 0.2292, 0.2544
Android (android.graphics.Color)	4281225323 (0xFF2E506B)
YUV	72.9120, 16.8054, -23.6018
Hunter-Lab	27.1656, -3.8491, -13.6870

Details

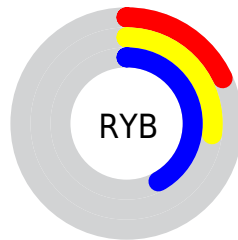
The Hex color **2E506B** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **6B492E**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **61819E**, and **00243B** is the 20% darker color. If you saturate the color by 10%, you get **234B6B**, and if you desaturate by 10%, it is **39556B**.

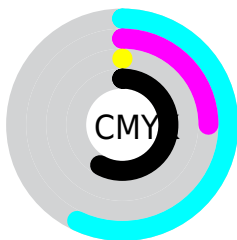
Distribution



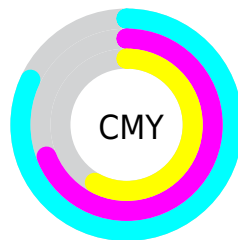
- Red (18%)
- Green (31%)
- Blue (42%)



- Red (18%)
- Yellow (27%)
- Blue (42%)



- Cyan (57%)
- Magenta (25%)
- Yellow (0%)
- Black (58%)



- Cyan (82%)
- Magenta (69%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E506B 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 2E506B by changing the saturation by 10% instead.



2E506B



2E506B

FFFFFF



133953



61819E



00243B



7B9BB9



000E26



95B6D5



00010F



B1D1F2



000000



CDEEFF



E9FFFF



2E506B



2E506B



234B6B



39556B

■ 19476B

■ 43596B

■ 0E426B

■ 4E5E6B

■ 033D6B

■ 59636B

■ 003C6B

■ 64686B

■ 6E6C6B

■ 79716B

■ 84766B

■ 8E7B6B

Harmonies

Analogous

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



185464



2E506B



474B6A

Triad

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



2E506B



6B4143



3B5338

Complementary

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



2E506B



6B492E

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.



4D4F2F



2E506B



674536

Square

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



2E506B



684153



5C4A2E



285546

Rectangle

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



2E506B



554765



5C4A2E



425234

Sweetspot

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



2E506B



74828C



2E6B48



394147



C7C7C7



474747

Same Dimension

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



2E506B



2D628C



2E326B



303336



004175



0088F5

Inverse Universe

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



6B2E50



8C2D62



6B672E



363033



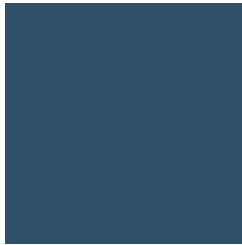
750041



F50088

Previews

White Background



This preview shows how the Hex color 2E506B looks on a white background.

Color Contrast Check

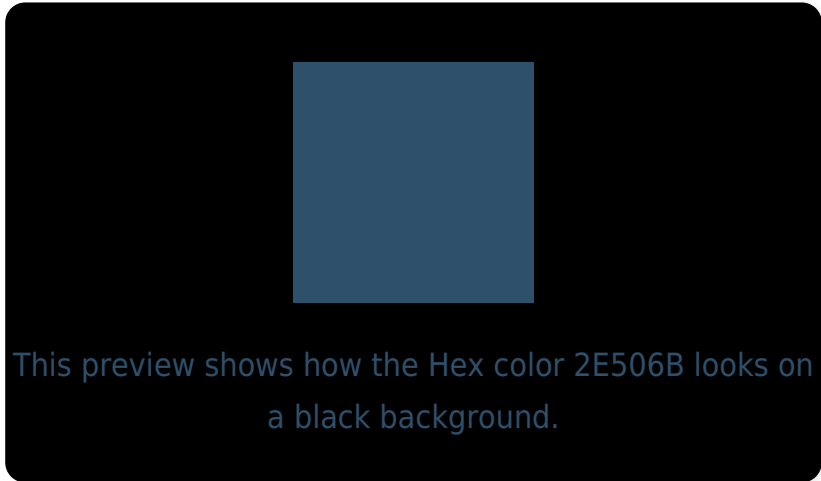
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

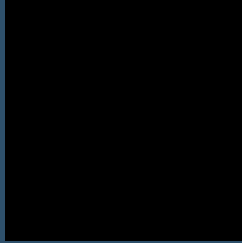
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

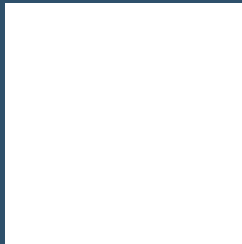
Any Text WCAG AAA × Fail

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

Hex 2E506B Background



This preview shows how black text looks on a background with the Hex color 2E506B.

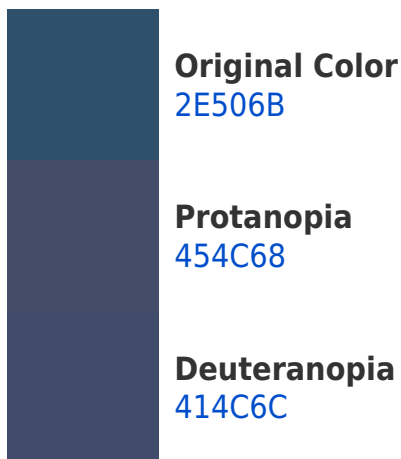


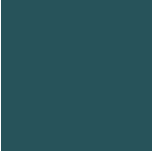
This preview shows how white text looks on a background with the Hex color 2E506B.

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
27535A

Trichromacy



Original Color
2E506B

Protanomaly
3D4D69

Deuteranomaly
3A4D6C

Tritanomaly
2A5260

Monochromacy



Original Color
2E506B

Achromatopsia
494949

Achromatomaly
3F4C55

CSS Examples

Text

The CSS property to change the color of the text to Hex 2E506B 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 #2E506B looks like.

```
.text, #text, p{  
    color:#2E506B  
}
```

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 #2E506B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E506B  
}
```

Border

The CSS property to change the border of an element to Hex 2E506B 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  
#2E506B }
```

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

```
.border{ border-color:#2E506B }
```

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

Here you see how a box with a 4 pixel #2E506B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E506B; -webkit-box-shadow:4px 4px  
4px 4px #2E506B; box-shadow:4px 4px 4px  
4px #2E506B }
```

Background

The CSS property to change the background color of an element to Hex 2E506B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E506B }
```

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

```
.background{ background-color:#2E506B }
```

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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