

Converting Colors

Hex(2E4477)

Have a look what the booklet for
Hex(2E4477) contains.

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Color

Hex(2E4477)

Conversions

Conversions Part 1

Format	Color
Hex	2E4477
RGB	46, 68, 119
RGB Percent	18%, 27%, 47%
CMY	0.8196, 0.7333, 0.5333
CMYK	0.61, 0.43, 0.00, 0.53
HSL	222°, 44%, 32%
HSV	222°, 61%, 47%
XYZ	6.5236, 6.0470, 18.2761
YIQ	67.2360, -29.4830, 11.1970

Conversions

Conversions Part 2

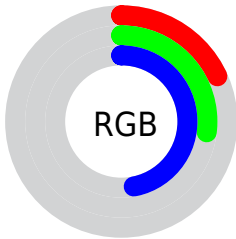
Format	Color
R_{YB}	46, 63, 119
Decimal	3032183
CIE _{Lab}	29.53, 8.46, -31.82
CIE _{LCh}	30, 32.929, 284.893
Yxy	6.0470, 0.2115, 0.1960
Android (android.graphics.Color)	4281222263 (0xFF2E4477)
YUV	67.2360, 25.5197, -18.6240
Hunter-Lab	24.5906, 4.3203, -26.8517

Details

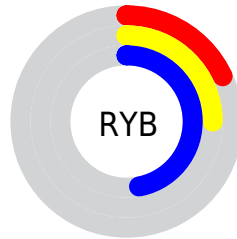
The Hex color **2E4477** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **77612E**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **6374AC**, and **001A46** is the 20% darker color. If you saturate the color by 10%, you get **223C77**, and if you desaturate by 10%, it is **3A4C77**.

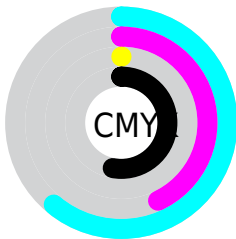
Distribution



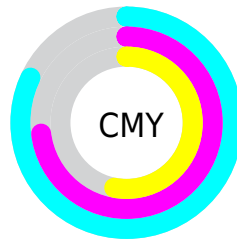
- Red (18%)
- Green (27%)
- Blue (47%)



- Red (18%)
- Yellow (25%)
- Blue (47%)



- Cyan (61%)
- Magenta (43%)
- Yellow (0%)
- Black (53%)



- Cyan (82%)
- Magenta (73%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E4477 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 2E4477 by changing the saturation by 10% instead.

■ 2E4477

■ 2E4477

FFFFFF

■ 102E5E

■ 6374AC

■ 001A46

■ 7D8DC7

■ 000030

■ 98A8E3

■ 00011A

■ B4C3FF

■ 000000

■ D0DFFF

■ EDFBFF

■ 2E4477

■ 2E4477

■ 223C77

■ 3A4C77

■ 163377

■ 465577

■ 0A2B77

■ 525D77

■ 002477

■ 5E6577

■ 6A6E77

■ 757677

■ 817E77

■ 8D8777

■ 998F77

Harmonies

Analogous

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



004C77



2E4477



57396A

Triad

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



2E4477



6E3623



005137

Complementary

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



2E4477



77612E

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.



2A4E1F



2E4477



5E4012

Square

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



2E4477



742F3A



474810



005252

Rectangle

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



2E4477



68335C



474810



08502F

Sweetspot

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



2E4477



80889C



2E7760



3E434F



CFCFCF



4F4F4F

Same Dimension

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



2E4477



284B9C



3B2E77



35373B



00257A



004BFA

Inverse Universe

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



772E44



9C284B



6A772E



3B3537



7A0025



FA004B

Previews

White Background



This preview shows how the Hex color 2E4477 looks on a white background.

Color Contrast Check

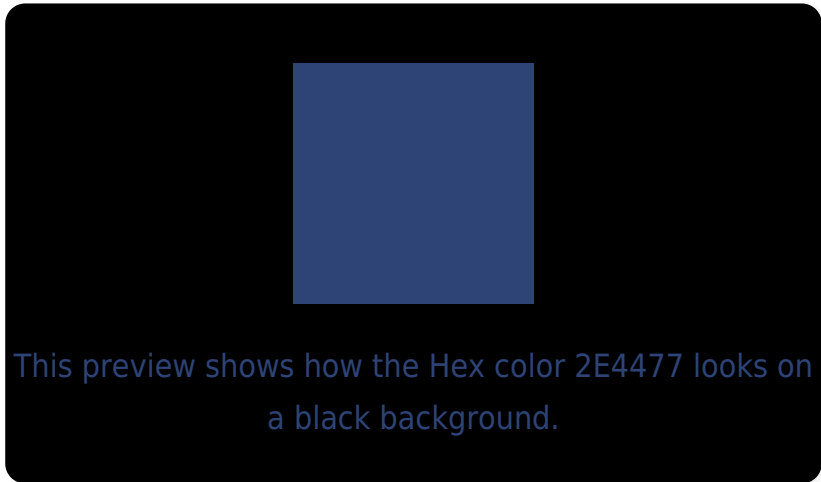
Large Text (above 18pt) WCAG AA ✓ Pass

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

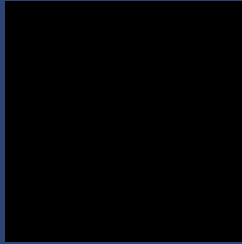
Any Text WCAG AA × Fail

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 2E4477 Background



This preview shows how black text looks on a background with the Hex color 2E4477.



This preview shows how white text looks on a background with the Hex color 2E4477.

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



Original Color
2E4477

Protanopia
2F4477

Deuteranopia
214676

Trichromacy



Original Color
2E4477

Protanomaly
2F4477

Deuteranomaly
264576

Tritanomaly
23495F

Monochromacy



Original Color
2E4477

Achromatopsia
434343

Achromatomaly
3B4356

CSS Examples

Text

The CSS property to change the color of the text to Hex 2E4477 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 #2E4477 looks like.

```
.text, #text, p{  
    color:#2E4477  
}
```

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 #2E4477 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E4477
}
```

Border

The CSS property to change the border of an element to Hex 2E4477 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
#2E4477 }
```

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

```
.border{ border-color:#2E4477 }
```

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

Here you see how a box with a 4 pixel #2E4477 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E4477; -webkit-box-shadow:4px 4px  
4px 4px #2E4477; box-shadow:4px 4px 4px  
4px #2E4477 }
```

Background

The CSS property to change the background color of an element to Hex 2E4477 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E4477 }
```

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

```
.background{ background-color:#2E4477 }
```

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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