

Converting Colors

Hex(2A4756)

Have a look what the booklet for
Hex(2A4756) contains.

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Color

Hex(2A4756)

Conversions

Conversions Part 1

Format	Color
Hex	2A4756
RGB	42, 71, 86
RGB Percent	16%, 28%, 34%
CMY	0.8353, 0.7216, 0.6627
CMYK	0.51, 0.17, 0.00, 0.66
HSL	200°, 34%, 25%
HSV	200°, 51%, 34%
XYZ	4.8878, 5.6706, 9.6410
YIQ	64.0390, -22.0990, -1.4830

Conversions

Conversions Part 2

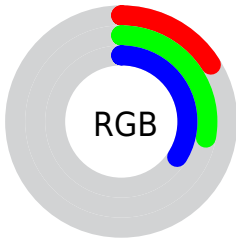
Format	Color
RYB	42, 59, 86
Decimal	2770774
CIELab	28.57, -6.16, -12.30
CIELCh	29, 13.760, 243.412
Yxy	5.6706, 0.2420, 0.2807
Android (android.graphics.Color)	4280960854 (0xFF2A4756)
YUV	64.0390, 10.8268, -19.3282
Hunter-Lab	23.8130, -5.0344, -7.3352

Details

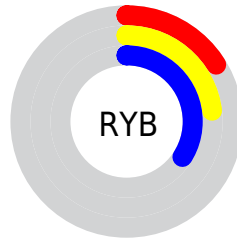
The Hex color **2A4756** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **56392A**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **5A7788**, and **001C29** is the 20% darker color. If you saturate the color by 10%, you get **214456**, and if you desaturate by 10%, it is **334A56**.

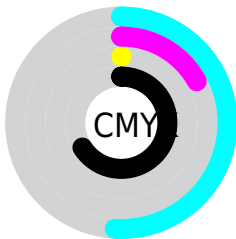
Distribution



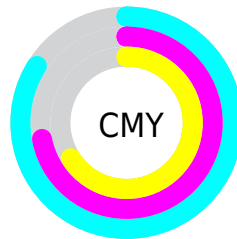
- Red (16%)
- Green (28%)
- Blue (34%)



- Red (16%)
- Yellow (23%)
- Blue (34%)



- Cyan (51%)
- Magenta (17%)
- Yellow (0%)
- Black (66%)



- Cyan (84%)
- Magenta (72%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A4756 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 2A4756 by changing the saturation by 10% instead.

■ 2A4756

■ 2A4756

FFFFFF

■ 12313F

■ 5A7788

■ 001C29

■ 7491A2

■ 000115

■ 8EACBD

■ 000000

■ A9C7D9

■ C4E3F5

■ E1FFFF

■ FDDFFF

■ 2A4756

■ 2A4756

■ 214456

■ 334A56

■ 194156

■ 3B4D56

■ 103E56

■ 445056

■ 083B56

■ 4C5356

■ 003956

■ 555656

■ 5E5956

■ 665C56

■ 6F5E56

■ 776156

Harmonies

Analogous

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



23494F



2A4756



384458

Triad

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



2A4756



583C43



3E4631

Complementary

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



2A4756



56392A

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.



4A432E



2A4756



583D38

Square

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



2A4756



523D4D



533F31



32483A

Rectangle

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



2A4756



424157



533F31



424530

Sweetspot

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



2A4756



5F6A70



2A5639



2E3538



B8B8B8



383838

Same Dimension

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



2A4756



2C5970



2A3156



272A2B



00476B



009BEB

Inverse Universe

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



562A47



702C59



564F2A



2B272A



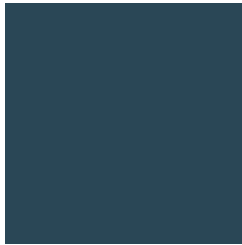
6B0047



EB009B

Previews

White Background



This preview shows how the Hex color 2A4756 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

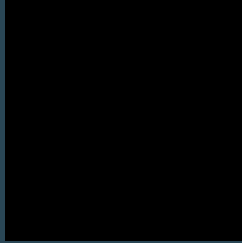
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

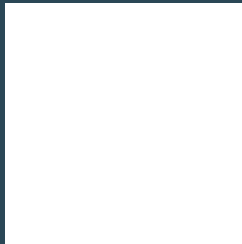
Any Text WCAG AAA × Fail

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

Hex 2A4756 Background



This preview shows how black text looks on a background with the Hex color 2A4756.



This preview shows how white text looks on a background with the Hex color 2A4756.

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
2A4756

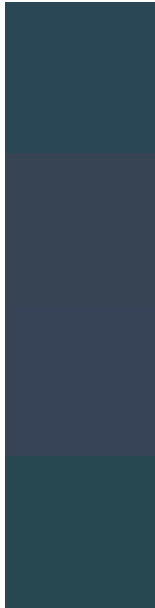
Protanopia
3F4353

Deuteranopia
3F4257



Tritanopia
27484E

Trichromacy



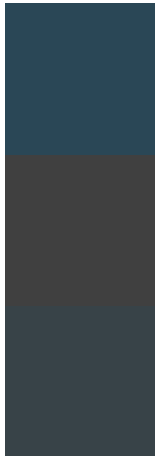
Original Color
2A4756

Protanomaly
374454

Deuteranomaly
374457

Tritanomaly
284851

Monochromacy



Original Color
2A4756

Achromatopsia
404040

Achromatomaly
384348

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A4756 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 #2A4756 looks like.

```
.text, #text, p{  
    color:#2A4756  
}
```

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 #2A4756 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A4756
}
```

Border

The CSS property to change the border of an element to Hex 2A4756 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
#2A4756 }
```

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

```
.border{ border-color:#2A4756 }
```

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

Here you see how a box with a 4 pixel #2A4756 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A4756; -webkit-box-shadow:4px 4px  
4px 4px #2A4756; box-shadow:4px 4px 4px  
4px #2A4756 }
```

Background

The CSS property to change the background color of an element to Hex 2A4756 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A4756 }
```

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

```
.background{ background-color:#2A4756 }
```

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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