

Converting Colors

Hex(2E6358)

Have a look what the booklet for
Hex(2E6358) contains.

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Color

Hex(2E6358)

Conversions

Conversions Part 1

Format	Color
Hex	2E6358
RGB	46, 99, 88
RGB Percent	18%, 39%, 35%
CMY	0.8196, 0.6118, 0.6549
CMYK	0.54, 0.00, 0.11, 0.61
HSL	168°, 37%, 28%
HSV	168°, 54%, 39%
XYZ	7.3500, 10.2091, 10.8157
YIQ	81.8990, -28.0570, -14.6570

Conversions

Conversions Part 2

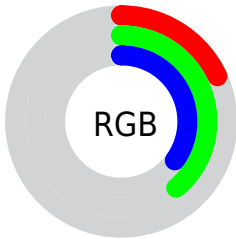
Format	Color
R_{YB}	46, 76, 99
Decimal	3040088
CIE _{Lab}	38.22, -20.67, 0.85
CIE _{LCh}	38, 20.684, 177.646
Yxy	10.2091, 0.2590, 0.3598
Android (android.graphics.Color)	4281230168 (0xFF2E6358)
YUV	81.8990, 3.0078, -31.4834
Hunter-Lab	31.9517, -14.8542, 2.2964




Details

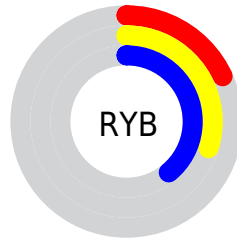
The Hex color **2E6358** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **632E39**, and the grayscale version is **525252**.



A 20% lighter version of the original color is **60968A**, and **00342B** is the 20% darker color. If you saturate the color by 10%, you get **246356**, and if you desaturate by 10%, it is **38635A**.

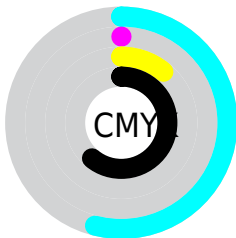
Distribution







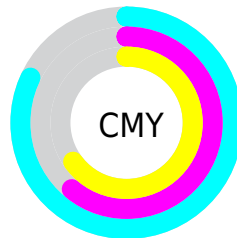
-  Red (18%)
-  Green (39%)
-  Blue (35%)






-  Red (18%)
-  Yellow (30%)
-  Blue (39%)



-  Cyan (54%)
-  Magenta (0%)
-  Yellow (11%)
-  Black (61%)



-  Cyan (82%)
-  Magenta (61%)
-  Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E6358 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 2E6358 by changing the saturation by 10% instead.

 2E6358

 2E6358

FFFFFF

 134B41

 60968A

 00342B

 7AB1A4

 001F16

 95CCBF

 000000

 B0E9DB

 CCFFF7

 E9FFFF

 2E6358

 2E6358

 246356

 38635A

■ 1A6354

■ 42635C

■ 106352

■ 4C635E

■ 066350

■ 566360

■ 00634E

■ 606362

■ 696364

■ 736366

■ 7D6368

■ 87636A

Harmonies

Analogous

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



426148



2E6358



216369

Triad

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



2E6358



5A5678



74533E

Complementary

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



2E6358



632E39

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.



7B4E4B



2E6358



6E506C

Square

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



2E6358



415C7B



794D5C



675838

Rectangle

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



2E6358



246172



794D5C



775142

Sweetspot

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



2E6358



6B807B



39632E



34403D



BFBFBF



404040

Same Dimension

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



2E6358



2E806F



2E5463



2C302F



007059



00F0BE

Inverse Universe

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



632E39



802E3F



633D2E



302C2D



700017



F00032

Previews

White Background



This preview shows how the Hex color 2E6358 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

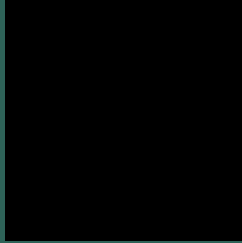
Any Text WCAG AA × Fail

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 2E6358 Background



This preview shows how black text looks on a background with the Hex color 2E6358.



This preview shows how white text looks on a background with the Hex color 2E6358.

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
2E6358

Protanopia
5D5953

Deuteranopia
62575B



Tritanopia
336168

Trichromacy



Original Color
2E6358

Protanomaly
4C5D55

Deuteranomaly
4F5B5A

Tritanomaly
316262

Monochromacy



Original Color
2E6358

Achromatopsia
525252

Achromatomaly
455854

CSS Examples

Text

The CSS property to change the color of the text to Hex 2E6358 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 #2E6358 looks like.

```
.text, #text, p{  
    color:#2E6358  
}
```

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 #2E6358 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E6358
}
```

Border

The CSS property to change the border of an element to Hex 2E6358 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
#2E6358 }
```

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

```
.border{ border-color:#2E6358 }
```

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

Here you see how a box with a 4 pixel #2E6358 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E6358; -webkit-box-shadow:4px 4px  
4px 4px #2E6358; box-shadow:4px 4px 4px  
4px #2E6358 }
```

Background

The CSS property to change the background color of an element to Hex 2E6358 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E6358 }
```

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

```
.background{ background-color:#2E6358 }
```

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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