

# Converting Colors

Hex(2E6155)

Have a look what the booklet for  
Hex(2E6155) contains.

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# Color

**Hex(2E6155)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	2E6155
RGB	46, 97, 85
RGB Percent	18%, 38%, 33%
CMY	0.8196, 0.6196, 0.6667
CMYK	0.53, 0.00, 0.12, 0.62
HSL	166°, 36%, 28%
HSV	166°, 53%, 38%
XYZ	7.0411, 9.7861, 10.1121
YIQ	80.3830, -26.5440, -14.5440

# Conversions

## Conversions Part 2

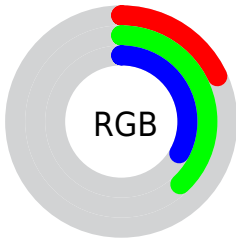
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	46, 75, 97
Decimal	3039573
CIE Lab	37.46, -20.42, 1.59
CIE LCh	37, 20.482, 175.537
Yxy	9.7861, 0.2614, 0.3633
Android (android.graphics.Color)	4281229653 (0xFF2E6155)
YUV	80.3830, 2.2762, -30.1539
Hunter-Lab	31.2828, -14.5682, 2.7325

# Details

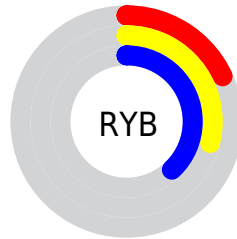
The Hex color **2E6155** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **612E3A**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **609487**, and **003228** is the 20% darker color. If you saturate the color by 10%, you get **246153**, and if you desaturate by 10%, it is **386157**.

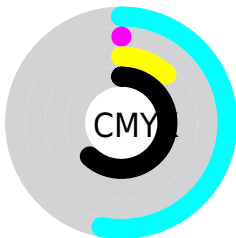
# Distribution



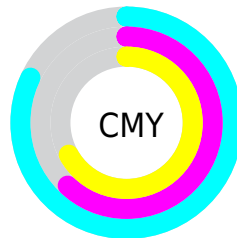
- Red (18%)
- Green (38%)
- Blue (33%)



- Red (18%)
- Yellow (29%)
- Blue (38%)



- Cyan (53%)
- Magenta (0%)
- Yellow (12%)
- Black (62%)



- Cyan (82%)
- Magenta (62%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2E6155 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 2E6155 by changing the saturation by 10% instead.



 2E6155

 2E6155

FFFFFF

 14493E


 609487

 003228

 7AAFA1

 001E14

 95CABC

 000000

 B0E6D7

 CCFF4

 E8FFFF

 2E6155

 2E6155

 246153

 386157

■ 1B6150

■ 41615A

■ 11614E

■ 4B615C

■ 07614C

■ 55615E

■ 00614A

■ 5E6160

■ 686163

■ 726165

■ 7C6167

■ 85616A

# Harmonies

## Analogous

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



425F45



2E6155



206166

# Triad

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



2E6155



575576



73513D

# Complementary

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



2E6155



612E3A

# 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.



794D4B



2E6155



6B4F6B

# Square

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



2E6155



3E5A79



764C5B



665637

# Rectangle

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



2E6155



21606F



764C5B



754F41



# Sweetspot

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



2E6155



697D78



3B612E



34403D



BFBFBF



404040



# Same Dimension

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



2E6155



2E7D6A



2E5461



2C302F



007056



00F0B7



# Inverse Universe

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



612E3A



7D2E41



613B2E



302C2D



70001A



F00038



# Previews

## White Background



This preview shows how the Hex color 2E6155 looks on a white background.

## Color Contrast Check

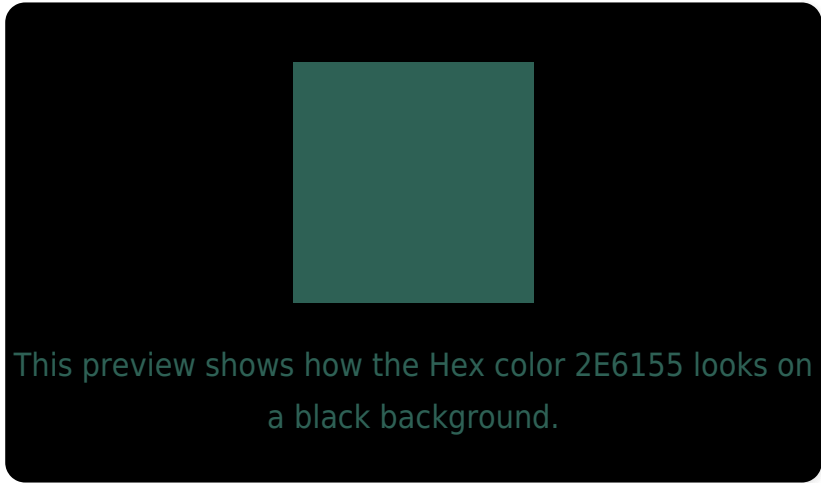
Large Text (above 18pt) WCAG AA ✓ Pass

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

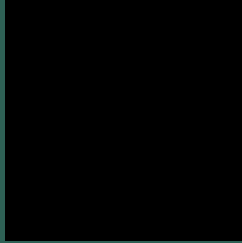
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 2E6155 Background



This preview shows how black text looks on a background with the Hex color 2E6155.



This preview shows how white text looks on a background with the Hex color 2E6155.

# 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**  
2E6155

**Protanopia**  
5B5750

**Deuteranopia**  
605558



**Tritanopia**  
345F66

# Trichromacy



**Original Color**  
2E6155

**Protanomaly**  
4B5B52

**Deuteranomaly**  
4E5957

**Tritanomaly**  
326060

# Monochromacy



**Original Color**  
2E6155

**Achromatopsia**  
505050

**Achromatomaly**  
445652

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2E6155 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 #2E6155 looks like.

```
.text, #text, p{  
    color:#2E6155  
}
```

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 #2E6155 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E6155
}
```

## Border

The CSS property to change the border of an element to Hex 2E6155 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".

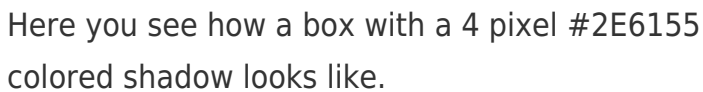
```
.border, #border, table{ border:4px solid
#2E6155 }
```

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

```
.border{ border-color:#2E6155 }
```

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

Here you see how a box with a 4 pixel #2E6155 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E6155; -webkit-box-shadow:4px 4px  
4px 4px #2E6155; box-shadow:4px 4px 4px  
4px #2E6155 }
```

# Background

The CSS property to change the background color of an element to Hex 2E6155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E6155 }
```

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

```
.background{ background-color:#2E6155 }
```

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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