

Converting Colors

Hex(2E5255)

Have a look what the booklet for
Hex(2E5255) contains.

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Color

Hex(2E5255)

Conversions

Conversions Part 1

Format	Color
Hex	2E5255
RGB	46, 82, 85
RGB Percent	18%, 32%, 33%
CMY	0.8196, 0.6784, 0.6667
CMYK	0.46, 0.04, 0.00, 0.67
HSL	185°, 30%, 26%
HSV	185°, 46%, 33%
XYZ	5.7837, 7.2713, 9.6930
YIQ	71.5780, -22.4190, -6.6990

Conversions

Conversions Part 2

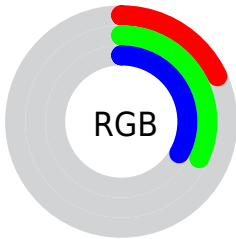
Format	Color
RYB	46, 65, 85
Decimal	3035733
CIELab	32.42, -12.03, -5.83
CIELCh	32, 13.365, 205.840
Yxy	7.2713, 0.2543, 0.3196
Android (android.graphics.Color)	4281225813 (0xFF2E5255)
YUV	71.5780, 6.6170, -22.4319
Hunter-Lab	26.9654, -8.9036, -2.4367

Details

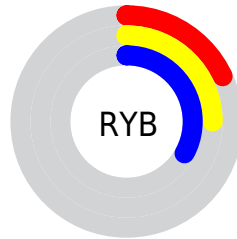
The Hex color **2E5255** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **55312E**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **5F8387**, and **002528** is the 20% darker color. If you saturate the color by 10%, you get **255155**, and if you desaturate by 10%, it is **365355**.

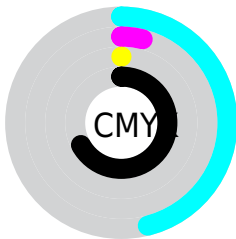
Distribution



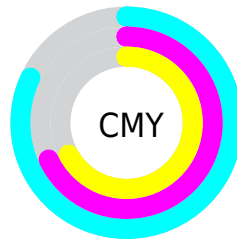
- Red (18%)
- Green (32%)
- Blue (33%)



- Red (18%)
- Yellow (25%)
- Blue (33%)



- Cyan (46%)
- Magenta (4%)
- Yellow (0%)
- Black (67%)



- Cyan (82%)
- Magenta (68%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E5255 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 2E5255 by changing the saturation by 10% instead.

■ 2E5255

■ 2E5255

FFFFFF

■ 163B3E

■ 5F8387

■ 002528

■ 789EA1

■ 001014

■ 92B9BC

■ 000000

■ ADD4D7

■ C9F1F4

■ E5FFFF

■ 2E5255

■ 2E5255

■ 255155

■ 365355

■ 1D5155

■ 3F5355

■ 145055

■ 475455

■ 0C4F55

■ 505555

■ 044F55

■ 585555

■ 004E55

■ 615655

■ 695755

■ 725755

■ 7A5855

Harmonies

Analogous

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



34524A



2E5255



32505D

Triad

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



2E5255



584758



554B37

Complementary

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



2E5255



55312E

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.



5E483B



2E5255



60454E

Square

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



2E5255



4C4A5F



624544



4A4E39

Rectangle

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



2E5255



394F60



624544



594A38

Sweetspot

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



2E5255



5E6C6E



2E5531



2F3738



B8B8B8



383838

Same Dimension

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



2E5255



31696E



2E3F55



272B2B



00636B



00D9EB

Inverse Universe

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



552E52



6E3169



55442E



2B272B



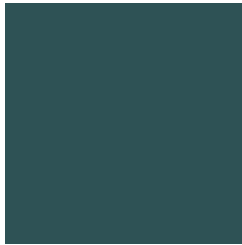
6B0063



EB00D9

Previews

White Background



This preview shows how the Hex color 2E5255 looks on a white background.

Color Contrast Check

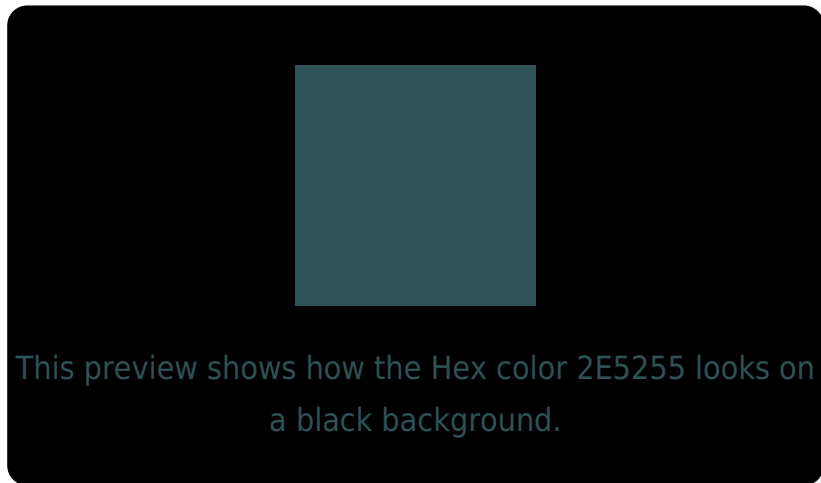
Large Text (above 18pt) WCAG AA ✓ Pass

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

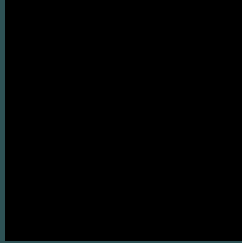
Any Text WCAG AA × Fail

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 2E5255 Background



This preview shows how black text looks on a background with the Hex color 2E5255.



This preview shows how white text looks on a background with the Hex color 2E5255.

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

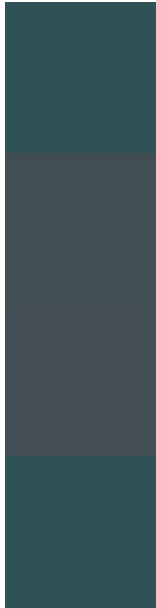


Original Color
2E5255

Protanopia
4C4C51

Deuteranopia
4E4A57

Trichromacy



Original Color
2E5255

Protanomaly
414E52

Deuteranomaly
424D56

Tritanomaly
2F5257

Monochromacy



Original Color
2E5255

Achromatopsia
484848

Achromatomaly
3F4C4D

CSS Examples

Text

The CSS property to change the color of the text to Hex 2E5255 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 #2E5255 looks like.

```
.text, #text, p{  
    color:#2E5255  
}
```

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 #2E5255 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E5255
}
```

Border

The CSS property to change the border of an element to Hex 2E5255 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
#2E5255 }
```

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

```
.border{ border-color:#2E5255 }
```

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

Here you see how a box with a 4 pixel #2E5255 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E5255; -webkit-box-shadow:4px 4px  
4px 4px #2E5255; box-shadow:4px 4px 4px  
4px #2E5255 }
```

Background

The CSS property to change the background color of an element to Hex 2E5255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E5255 }
```

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

```
.background{ background-color:#2E5255 }
```

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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