

Converting Colors

Hex(2E6650)

Have a look what the booklet for
Hex(2E6650) contains.

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Color

Hex(2E6650)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 2E6650 |
| RGB | 46, 102, 80 |
| RGB Percent | 18%, 40%, 31% |
| CMY | 0.8196, 0.6000, 0.6863 |
| CMYK | 0.55, 0.00, 0.22, 0.60 |
| HSL | 156°, 38%, 29% |
| HSV | 156°, 55%, 40% |
| XYZ | 7.3261, 10.6628, 9.2614 |
| YIQ | 82.7480, -26.3140, -18.7140 |

Conversions

Conversions Part 2

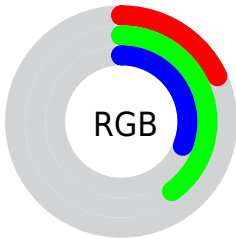
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 46, 81, 102 |
| Decimal | 3040848 |
| CIE _{Lab} | 39.01, -24.31, 6.88 |
| CIE _{LCh} | 39, 25.265, 164.193 |
| Yxy | 10.6628, 0.2688, 0.3913 |
| Android (android.graphics.Color) | 4281230928 (0xFF2E6650) |
| YUV | 82.7480, -1.3548, -32.2280 |
| Hunter-Lab | 32.6539, -17.0970, 6.0417 |

Details

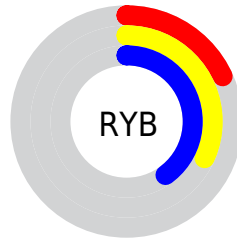
The Hex color **2E6650** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **662E44**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **619981**, and **003624** is the 20% darker color. If you saturate the color by 10%, you get **24664C**, and if you desaturate by 10%, it is **386654**.

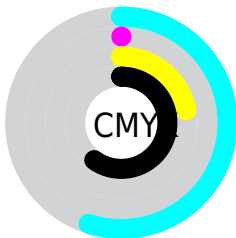
Distribution



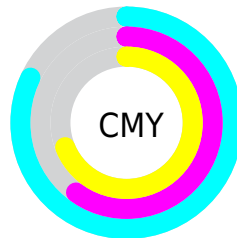
- Red (18%)
- Green (40%)
- Blue (31%)



- Red (18%)
- Yellow (32%)
- Blue (40%)



- Cyan (55%)
- Magenta (0%)
- Yellow (22%)
- Black (60%)



- Cyan (82%)
- Magenta (60%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E6650 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 2E6650 by changing the saturation by 10% instead.

 2E6650

 2E6650

FFFFFF

 134E39

 619981

 003624

 7BB49B

 00220E

 95D0B6

 000000

 B1ECD2

 CDFEE

 E9FFF

 2E6650

 2E6650

 24664C

 386654

■ 1A6648

■ 426658

■ 0F6644

■ 4D665C

■ 056640

■ 576660

■ 00663E

■ 616664

■ 6B6668

■ 75666C

■ 806670

■ 8A6674

Harmonies

Analogous

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



49633E



2E6650



0A6765

Triad

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



2E6650



4E5B83



805040

Complementary

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



2E6650



662E44

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.



844C53



2E6650



6A5379

Square

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



2E6650



296183



7D4D68



735734

Rectangle

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



2E6650



006672



7D4D68



824E46

Sweetspot

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



2E6650



6F857C



44662E



36423D



C2C2C2



424242

Same Dimension

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



2E6650



2D8562



2E6066



2E3331



007346



00F293

Inverse Universe

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



662E44



852D4F



66342E



332E30



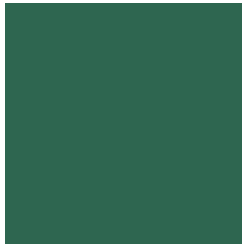
73002D



F2005F

Previews

White Background



This preview shows how the Hex color 2E6650 looks on a white background.

Color Contrast Check

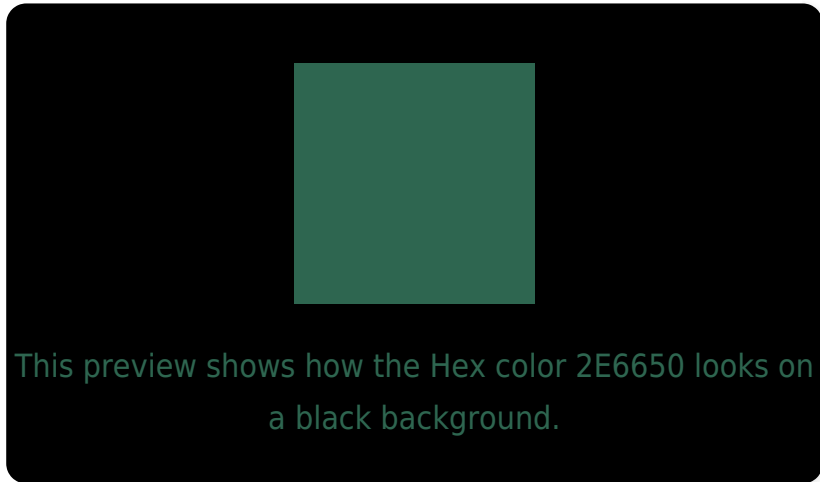
Large Text (above 18pt) WCAG AA ✓ Pass

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

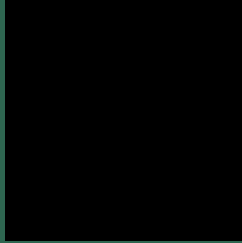
Any Text WCAG AA × Fail

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 2E6650 Background



This preview shows how black text looks on a background with the Hex color 2E6650.



This preview shows how white text looks on a background with the Hex color 2E6650.

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
2E6650

Protanopia
615B4B

Deuteranopia
675853



Tritanopia
36626A

Trichromacy



Original Color
2E6650

Protanomaly
4E5F4D

Deuteranomaly
525D52

Tritanomaly
336361

Monochromacy



Original Color
2E6650

Achromatopsia
535353

Achromatomaly
465A52

CSS Examples

Text

The CSS property to change the color of the text to Hex 2E6650 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 #2E6650 looks like.

```
.text, #text, p{  
    color:#2E6650  
}
```

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 #2E6650 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E6650
}
```

Border

The CSS property to change the border of an element to Hex 2E6650 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
#2E6650 }
```

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

```
.border{ border-color:#2E6650 }
```

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

Here you see how a box with a 4 pixel #2E6650 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E6650; -webkit-box-shadow:4px 4px  
4px 4px #2E6650; box-shadow:4px 4px 4px  
4px #2E6650 }
```

Background

The CSS property to change the background color of an element to Hex 2E6650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E6650 }
```

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

```
.background{ background-color:#2E6650 }
```

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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