

Converting Colors

Hex(2E6341)

Have a look what the booklet for
Hex(2E6341) contains.

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Color

Hex(2E6341)

Conversions

Conversions Part 1

Format	Color
Hex	2E6341
RGB	46, 99, 65
RGB Percent	18%, 39%, 25%
CMY	0.8196, 0.6118, 0.7451
CMYK	0.54, 0.00, 0.34, 0.61
HSL	142°, 37%, 28%
HSV	142°, 54%, 39%
XYZ	6.5427, 9.8862, 6.5644
YIQ	79.2770, -20.6740, -21.8100

Conversions

Conversions Part 2

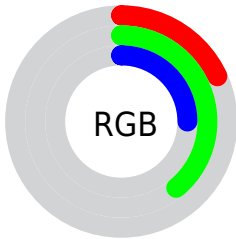
Format	Color
R_{YB}	46, 85, 99
Decimal	3040065
CIE _{Lab}	37.64, -26.28, 14.06
CIE _{LCh}	38, 29.802, 151.860
Yxy	9.8862, 0.2845, 0.4300
Android (android.graphics.Color)	4281230145 (0xFF2E6341)
YUV	79.2770, -7.0386, -29.1839
Hunter-Lab	31.4423, -17.8807, 9.6312

Details

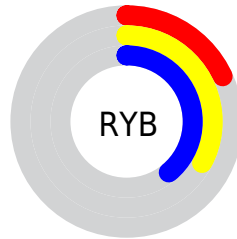
The Hex color **2E6341** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **632E50**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **609671**, and **003416** is the 20% darker color. If you saturate the color by 10%, you get **24633B**, and if you desaturate by 10%, it is **386347**.

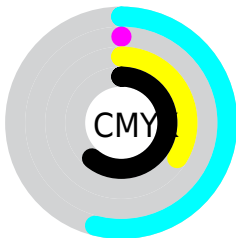
Distribution



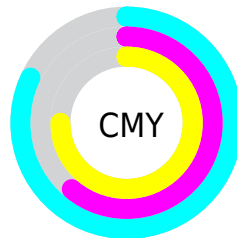
- Red (18%)
- Green (39%)
- Blue (25%)



- Red (18%)
- Yellow (33%)
- Blue (39%)



- Cyan (54%)
- Magenta (0%)
- Yellow (34%)
- Black (61%)



- Cyan (82%)
- Magenta (61%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E6341 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 2E6341 by changing the saturation by 10% instead.

 2E6341

 2E6341

FFFFFF

 144B2B

 609671

 003416

 7AB18B

 002000

 94CDA5

 000000

 B0E9C0

 CCFFDC

 E8FFF9

 2E6341

 2E6341

 24633B

 386347

■ 1A6334

■ 42634E

■ 10632E

■ 4C6354

■ 066328

■ 56635A

■ 006323

■ 606361

■ 696367

■ 73636D

■ 7D6374

■ 87637A

Harmonies

Analogous

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



4D5F2E



2E6341



006559

Triad

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



2E6341



325B88



854740

Complementary

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



2E6341



632E50

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.



854558



2E6341



5C5281

Square

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



2E6341



006183



784970



794F2E

Rectangle

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



2E6341



00656A



784970



864648

Sweetspot

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



2E6341



6B8072



50632E



344038



BFBFBF



404040

Same Dimension

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



2E6341



2E804B



2E635B



2C302D



007028



00F056

Inverse Universe

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



632E50



802E62



632E36



302C2F



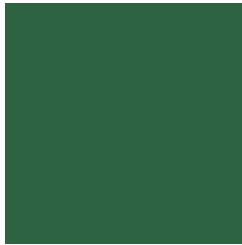
700048



F0009A

Previews

White Background



This preview shows how the Hex color 2E6341 looks on a white background.

Color Contrast Check

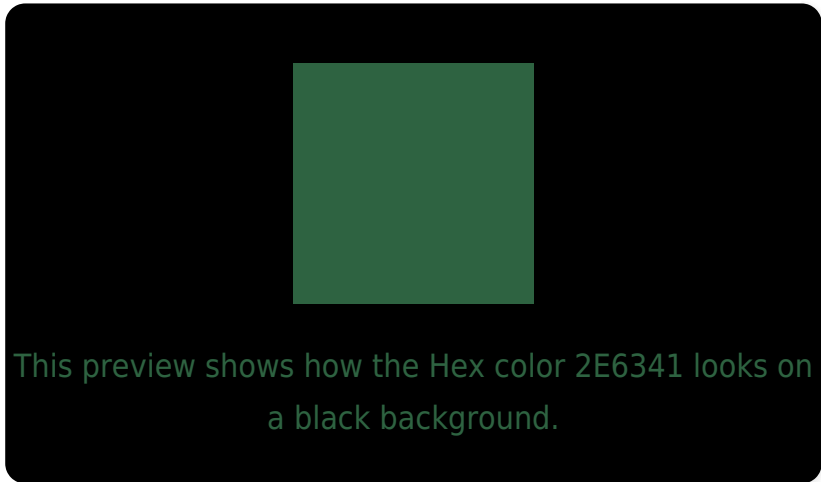
Large Text (above 18pt) WCAG AA ✓ Pass

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

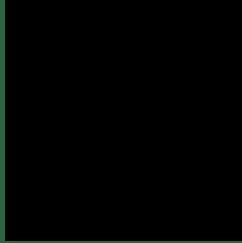
Any Text WCAG AA × Fail

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 2E6341 Background



This preview shows how black text looks on a background with the Hex color 2E6341.



This preview shows how white text looks on a background with the Hex color 2E6341.

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
2E6341

Protanopia
5F583C

Deuteranopia
675544



Tritanopia
385E66

Trichromacy



Original Color
2E6341

Protanomaly
4D5C3E

Deuteranomaly
525A43

Tritanomaly
346059

Monochromacy



Original Color
2E6341

Achromatopsia
4F4F4F

Achromatomaly
43564A

CSS Examples

Text

The CSS property to change the color of the text to Hex 2E6341 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 #2E6341 looks like.

```
.text, #text, p{  
    color:#2E6341  
}
```

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 #2E6341 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E6341
}
```

Border

The CSS property to change the border of an element to Hex 2E6341 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
#2E6341 }
```

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

```
.border{ border-color:#2E6341 }
```

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

Here you see how a box with a 4 pixel #2E6341 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E6341; -webkit-box-shadow:4px 4px  
4px 4px #2E6341; box-shadow:4px 4px 4px  
4px #2E6341 }
```

Background

The CSS property to change the background color of an element to Hex 2E6341 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E6341 }
```

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

```
.background{ background-color:#2E6341 }
```

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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