

Converting Colors

Hex(254E41)

Have a look what the booklet for
Hex(254E41) contains.

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Color

Hex(254E41)

Conversions

Conversions Part 1

Format	Color
Hex	254E41
RGB	37, 78, 65
RGB Percent	15%, 31%, 25%
CMY	0.8549, 0.6941, 0.7451
CMYK	0.53, 0.00, 0.17, 0.69
HSL	161°, 36%, 23%
HSV	161°, 53%, 31%
XYZ	4.4415, 6.2237, 5.9682
YIQ	64.2590, -20.2630, -12.7350

Conversions

Conversions Part 2

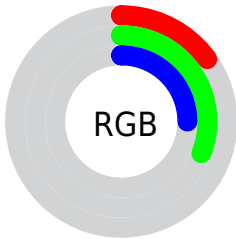
Format	Color
R_{YB}	37, 61, 78
Decimal	2444865
CIE _{Lab}	29.97, -18.05, 3.29
CIE _{LCh}	30, 18.349, 169.684
Yxy	6.2237, 0.2670, 0.3742
Android (android.graphics.Color)	4280634945 (0xFF254E41)
YUV	64.2590, 0.3653, -23.9061
Hunter-Lab	24.9474, -11.8791, 3.2791

Details

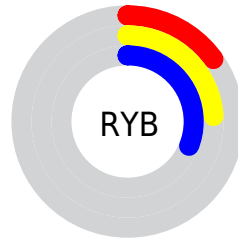
The Hex color **254E41** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **4E2532**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **557F71**, and **002117** is the 20% darker color. If you saturate the color by 10%, you get **1D4E3F**, and if you desaturate by 10%, it is **2D4E43**.

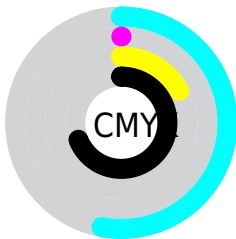
Distribution



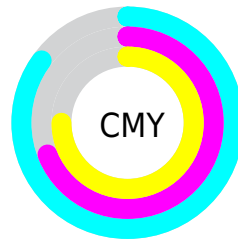
- Red (15%)
- Green (31%)
- Blue (25%)



- Red (15%)
- Yellow (24%)
- Blue (31%)



- Cyan (53%)
- Magenta (0%)
- Yellow (17%)
- Black (69%)



- Cyan (85%)
- Magenta (69%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 254E41 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 254E41 by changing the saturation by 10% instead.

■ 254E41

■ 254E41

FFFFFF

■ 0C372B

■ 557F71

■ 002117

■ 6E998A

■ 000000

■ 88B4A4

■ A3D0C0

■ BEECDB

■ DAFFF8

■ F7FFFF

■ 254E41

■ 254E41

■ 1D4E3F

■ 2D4E43

■ 154E3C

■ 354E46

■ 0E4E3A

■ 3C4E48

■ 064E37

■ 444E4B

■ 004E35

■ 4C4E4D

■ 544E50

■ 5C4E52

■ 634E55

■ 6B4E57

Harmonies

Analogous

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



364C34



254E41



164E50

Triad

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



254E41



414561



5F3F31

Complementary

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



254E41



4E2532

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.



633C3E



254E41



544059

Square

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



254E41



2B4962



5F3C4C



55442B

Rectangle

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



254E41



144D58



5F3C4C



613E35

Sweetspot

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



254E41



566661



334E25



293330



B3B3B3



333333

Same Dimension

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



254E41



266652



25474E



222625



006646



00E69D

Inverse Universe

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



4E2532



66263A



4E2C25



262224



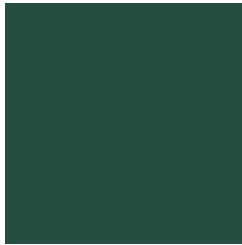
660020



E60049

Previews

White Background



This preview shows how the Hex color 254E41 looks on a white background.

Color Contrast Check

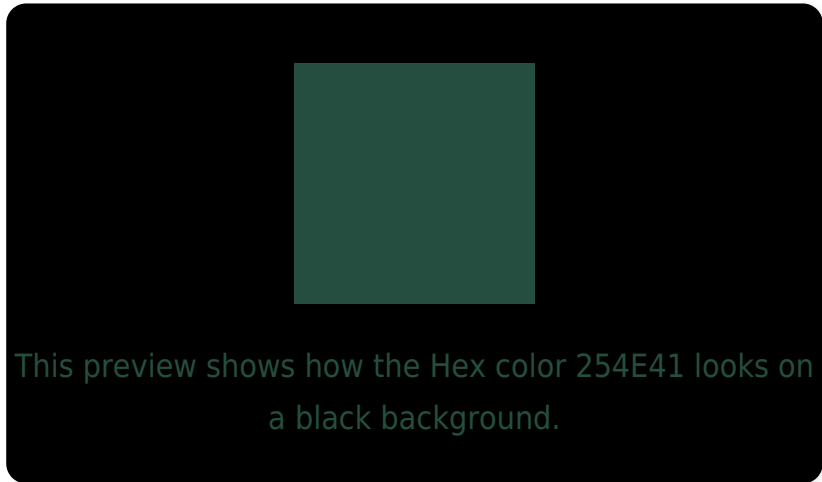
Large Text (above 18pt) WCAG AA ✓ Pass

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

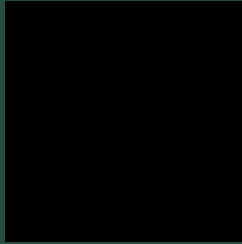
Any Text WCAG AA × Fail

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 254E41 Background



This preview shows how black text looks on a background with the Hex color 254E41.



This preview shows how white text looks on a background with the Hex color 254E41.

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
254E41

Protanopia
4A463D

Deuteranopia
4E4443

Trichromacy



Original Color
254E41

Protanomaly
3D493E

Deuteranomaly
3F4842

Tritanomaly
284D4C

Monochromacy



Original Color
254E41

Achromatopsia
404040

Achromatomaly
364540

CSS Examples

Text

The CSS property to change the color of the text to Hex 254E41 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 #254E41 looks like.

```
.text, #text, p{  
    color:#254E41  
}
```

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 #254E41 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #254E41
}
```

Border

The CSS property to change the border of an element to Hex 254E41 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
#254E41 }
```

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

```
.border{ border-color:#254E41 }
```

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

Here you see how a box with a 4 pixel #254E41 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #254E41; -webkit-box-shadow:4px 4px  
4px 4px #254E41; box-shadow:4px 4px 4px  
4px #254E41 }
```

Background

The CSS property to change the background color of an element to Hex 254E41 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#254E41 }
```

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

```
.background{ background-color:#254E41 }
```

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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