

Converting Colors

Hex(255641)

Have a look what the booklet for
Hex(255641) contains.

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Color

Hex(255641)

Conversions

Conversions Part 1

Format	Color
Hex	255641
RGB	37, 86, 65
RGB Percent	15%, 34%, 25%
CMY	0.8549, 0.6627, 0.7451
CMYK	0.57, 0.00, 0.24, 0.66
HSL	154°, 40%, 24%
HSV	154°, 57%, 34%
XYZ	5.0449, 7.4305, 6.1694
YIQ	68.9550, -22.4630, -16.9190

Conversions

Conversions Part 2

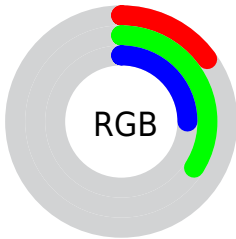
Format	Color
R_{YB}	37, 68, 86
Decimal	2446913
CIE Lab	32.77, -22.30, 7.27
CIE LCh	33, 23.453, 161.954
Yxy	7.4305, 0.2706, 0.3985
Android (android.graphics.Color)	4280636993 (0xFF255641)
YUV	68.9550, -1.9498, -28.0245
Hunter-Lab	27.2590, -14.6680, 5.6626

Details

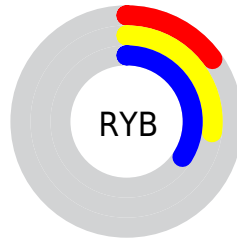
The Hex color **255641** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **56253A**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **568871**, and **002816** is the 20% darker color. If you saturate the color by 10%, you get **1C563D**, and if you desaturate by 10%, it is **2E5645**.

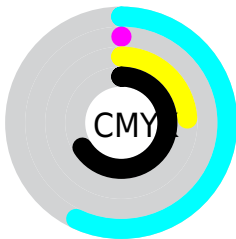
Distribution



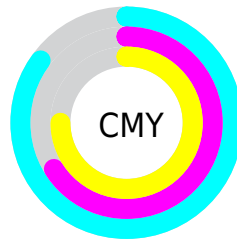
- Red (15%)
- Green (34%)
- Blue (25%)



- Red (15%)
- Yellow (27%)
- Blue (34%)



- Cyan (57%)
- Magenta (0%)
- Yellow (24%)
- Black (66%)



- Cyan (85%)
- Magenta (66%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 255641 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 255641 by changing the saturation by 10% instead.

■ 255641

■ 255641

FFFFFF

■ 0A3E2B

■ 568871

■ 002816

■ 70A38A

■ 001100

■ 8ABEA5

■ 000000

■ A5DAC0

■ C0F6DC

■ DDFFF8

■ F9FFFF

■ 255641

■ 255641

■ 1C563D

■ 2E5645

■ 14563A

■ 365648

■ 0B5636

■ 3F564C

■ 035632

■ 475650

■ 005631

■ 505653

■ 595657

■ 61565B

■ 6A565E

■ 725662

Harmonies

Analogous

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



3D5331



255641



005754

Triad

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



255641



3E4C71



6E4235

Complementary

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



255641



56253A

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.



713E46



255641



594669

Square

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



255641



1A5270



6A4059



62482A

Rectangle

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



255641



005660



6A4059



70403A

Sweetspot

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



255641



5D7068



3A5625



2D3833



B8B8B8



383838

Same Dimension

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



255641



247050



255356



272B29



006B3D



00EB86

Inverse Universe

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



56253A



702445



562825



2B2729



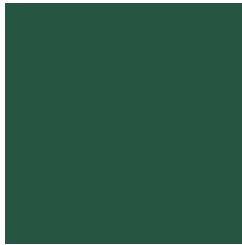
6B002E



EB0065

Previews

White Background



This preview shows how the Hex color 255641 looks on a white background.

Color Contrast Check

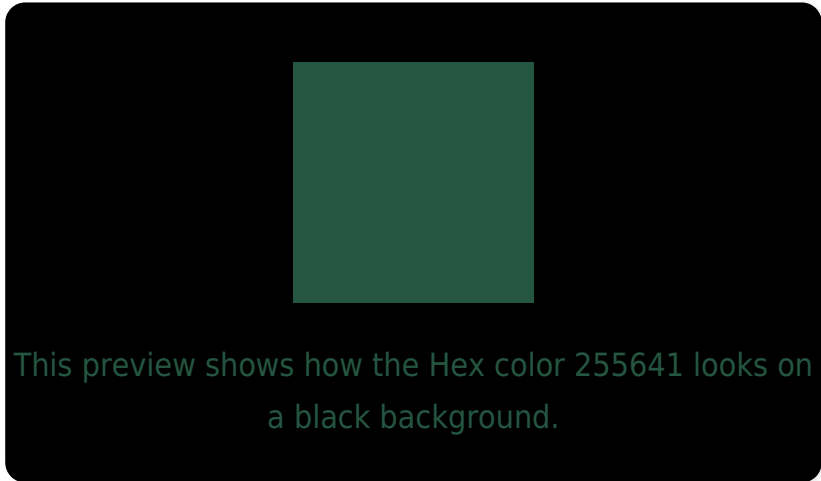
Large Text (above 18pt) WCAG AA ✓ Pass

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

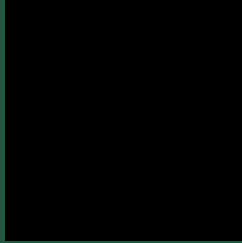
Any Text WCAG AA × Fail

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 255641 Background



This preview shows how black text looks on a background with the Hex color 255641.



This preview shows how white text looks on a background with the Hex color 255641.

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
255641

Protanopia
524D3D

Deuteranopia
584A44

Trichromacy



Original Color
255641

Protanomaly
42503E

Deuteranomaly
454E43

Tritanomaly
2A5450

Monochromacy



Original Color
255641

Achromatopsia
454545

Achromatomaly
394B44

CSS Examples

Text

The CSS property to change the color of the text to Hex 255641 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 #255641 looks like.

```
.text, #text, p{  
    color:#255641  
}
```

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 #255641 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #255641
}
```

Border

The CSS property to change the border of an element to Hex 255641 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
#255641 }
```

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

```
.border{ border-color:#255641 }
```

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

Here you see how a box with a 4 pixel #255641 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #255641; -webkit-box-shadow:4px 4px  
4px 4px #255641; box-shadow:4px 4px 4px  
4px #255641 }
```

Background

The CSS property to change the background color of an element to Hex 255641 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#255641 }
```

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

```
.background{ background-color:#255641 }
```

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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