

Converting Colors

Hex(255F41)

Have a look what the booklet for
Hex(255F41) contains.

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Color

Hex(255F41)

Conversions

Conversions Part 1

Format	Color
Hex	255F41
RGB	37, 95, 65
RGB Percent	15%, 37%, 25%
CMY	0.8549, 0.6275, 0.7451
CMYK	0.61, 0.00, 0.32, 0.63
HSL	149°, 44%, 26%
HSV	149°, 61%, 37%
XYZ	5.8093, 8.9594, 6.4242
YIQ	74.2380, -24.9380, -21.6260

Conversions

Conversions Part 2

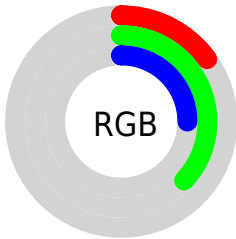
Format	Color
R_{YB}	37, 76, 95
Decimal	2449217
CIE Lab	35.91, -26.78, 11.63
CIE LCh	36, 29.196, 156.520
Yxy	8.9594, 0.2741, 0.4228
Android (android.graphics.Color)	4280639297 (0xFF255F41)
YUV	74.2380, -4.5543, -32.6577
Hunter-Lab	29.9322, -17.7379, 8.2275

Details

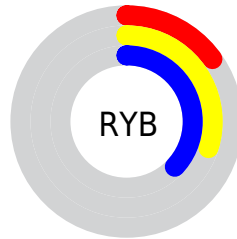
The Hex color **255F41** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **5F2543**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **589271**, and **003016** is the 20% darker color. If you saturate the color by 10%, you get **1C5F3C**, and if you desaturate by 10%, it is **2F5F46**.

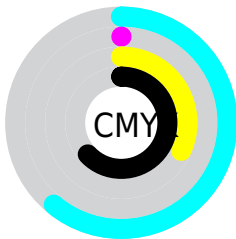
Distribution



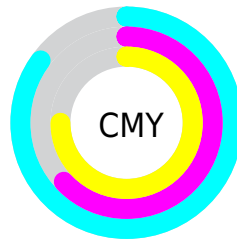
- Red (15%)
- Green (37%)
- Blue (25%)



- Red (15%)
- Yellow (30%)
- Blue (37%)



- Cyan (61%)
- Magenta (0%)
- Yellow (32%)
- Black (63%)



- Cyan (85%)
- Magenta (63%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 255F41 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 255F41 by changing the saturation by 10% instead.

 255F41

 255F41

FFFFFF

 07472B

 589271

 003016

 72AD8A

 001D00

 8CC8A5

 000000

 A7E5C0

 C3FFDC

 DFFFF8

 FFFFFFFF

 255F41

 255F41

■ 1C5F3C

■ 2F5F46

■ 125F37

■ 385F4B

■ 085F32

■ 425F50

■ 005F2E

■ 4B5F55

■ 555F5A

■ 5E5F5E

■ 685F63

■ 715F68

■ 7B5F6D

Harmonies

Analogous

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



455B2E



255F41



006059

Triad

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



255F41



375583



7E453A

Complementary

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



255F41



5F2543

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.



804150



255F41



5D4C7A

Square

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



255F41



005C7F



754468



724D2A

Rectangle

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



255F41



006069



754468



804341

Sweetspot

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



255F41



647A6F



445F25



303D36



BDBDBD



3D3D3D

Same Dimension

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



255F41



217A4C



255F5D



2C302E



007036



00F074

Inverse Universe

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



5F2543



7A214F



5F2527



302C2E



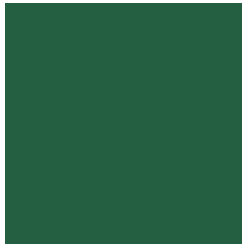
70003A



F0007C

Previews

White Background



This preview shows how the Hex color 255F41 looks on a white background.

Color Contrast Check

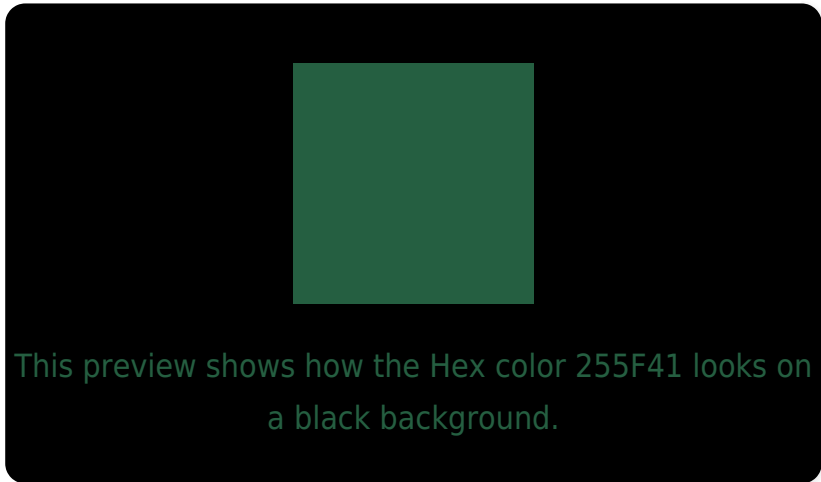
Large Text (above 18pt) WCAG AA ✓ Pass

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

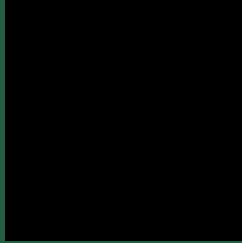
Any Text WCAG AA × Fail

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 255F41 Background



This preview shows how black text looks on a background with the Hex color 255F41.



This preview shows how white text looks on a background with the Hex color 255F41.

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
255F41

Protanopia
5B543C

Deuteranopia
625144



Tritanopia
305B62

Trichromacy



Original Color
255F41

Protanomaly
47583E

Deuteranomaly
4C5643

Tritanomaly
2C5C56

Monochromacy



Original Color
255F41

Achromatopsia
4A4A4A

Achromatomaly
3D5247

CSS Examples

Text

The CSS property to change the color of the text to Hex 255F41 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 #255F41 looks like.

```
.text, #text, p{  
    color:#255F41  
}
```

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 #255F41 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #255F41
}
```

Border

The CSS property to change the border of an element to Hex 255F41 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
#255F41 }
```

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

```
.border{ border-color:#255F41 }
```

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

Here you see how a box with a 4 pixel #255F41 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #255F41; -webkit-box-shadow:4px 4px  
4px 4px #255F41; box-shadow:4px 4px 4px  
4px #255F41 }
```

Background

The CSS property to change the background color of an element to Hex 255F41 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#255F41 }
```

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

```
.background{ background-color:#255F41 }
```

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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