

Converting Colors

Hex(255045)

Have a look what the booklet for
Hex(255045) contains.

Hex(255045)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(255045)

Conversions

Conversions Part 1

Format	Color
Hex	255045
RGB	37, 80, 69
RGB Percent	15%, 31%, 27%
CMY	0.8549, 0.6863, 0.7294
CMYK	0.54, 0.00, 0.14, 0.69
HSL	165°, 37%, 23%
HSV	165°, 54%, 31%
XYZ	4.7058, 6.5603, 6.6485
YIQ	65.8890, -22.0970, -12.5370

Conversions

Conversions Part 2

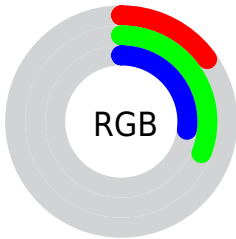
Format	Color
R_{YB}	37, 62, 80
Decimal	2445381
CIE _{Lab}	30.78, -18.06, 1.91
CIE _{LCh}	31, 18.158, 173.974
Yxy	6.5603, 0.2627, 0.3662
Android (android.graphics.Color)	4280635461 (0xFF255045)
YUV	65.8890, 1.5337, -25.3357
Hunter-Lab	25.6131, -12.0279, 2.5391

Details

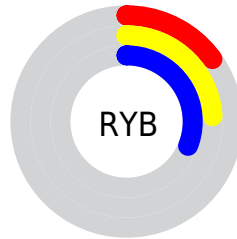
The Hex color **255045** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **502530**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **568275**, and **00231A** is the 20% darker color. If you saturate the color by 10%, you get **1D5043**, and if you desaturate by 10%, it is **2D5047**.

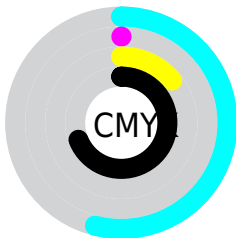
Distribution



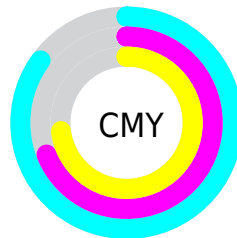
- Red (15%)
- Green (31%)
- Blue (27%)



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



- Cyan (54%)
- Magenta (0%)
- Yellow (14%)
- Black (69%)



- Cyan (85%)
- Magenta (69%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 255045 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 255045 by changing the saturation by 10% instead.

■ 255045

■ 255045

FFFFFF

■ 0C392F

■ 568275

■ 00231A

■ 6F9C8F

■ 000500

■ 89B7A9

■ 000000

■ A4D2C4

■ BFEFE0

■ DBFFFD

■ F8FFFF

■ 255045

■ 255045

■ 1D5043

■ 2D5047

■ 155041

■ 355049

■ 0D503F

■ 3D504B

■ 05503D

■ 45504D

■ 00503C

■ 4D504F

■ 555051

■ 5D5053

■ 655055

■ 6D5057

Harmonies

Analogous

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



364E37



255045



185053

Triad

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



255045



464662



5F4232

Complementary

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



255045



502530

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.



643E3E



255045



584159

Square

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



255045



314B64



623E4C



55472C

Rectangle

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



255045



184F5C



623E4C



624035

Sweetspot

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



255045



586964



305025



2B3633



B5B5B5



363636

Same Dimension

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



255045



256957



254650



252928



00694E



00E8AD

Inverse Universe

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



502530



692536



502F25



292526



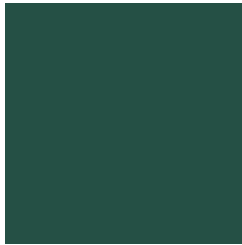
69001B



E8003B

Previews

White Background



This preview shows how the Hex color 255045 looks on a white background.

Color Contrast Check

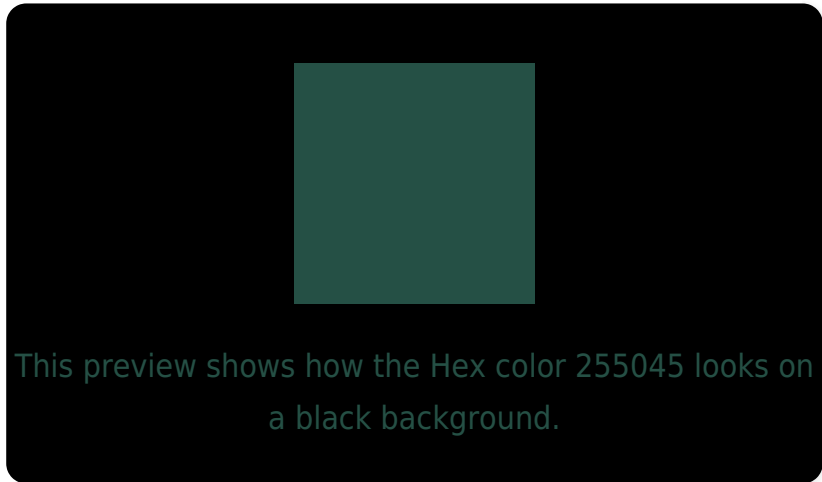
Large Text (above 18pt) WCAG AA ✓ Pass

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

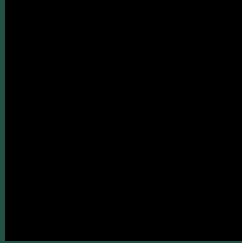
Any Text WCAG AA × Fail

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 255045 Background



This preview shows how black text looks on a background with the Hex color 255045.



This preview shows how white text looks on a background with the Hex color 255045.

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
255045

Protanopia
4B4841

Deuteranopia
504647



Tritanopia
2A4E54

Trichromacy



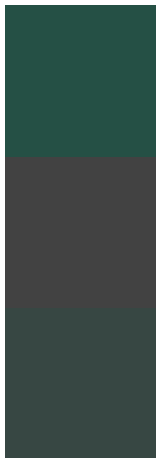
Original Color
255045

Protanomaly
3D4B42

Deuteranomaly
404A46

Tritanomaly
284F4F

Monochromacy



Original Color
255045

Achromatopsia
424242

Achromatomaly
374743

CSS Examples

Text

The CSS property to change the color of the text to Hex 255045 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 #255045 looks like.

```
.text, #text, p{  
    color:#255045  
}
```

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 #255045 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #255045
}
```

Border

The CSS property to change the border of an element to Hex 255045 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
#255045 }
```

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

```
.border{ border-color:#255045 }
```

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

Here you see how a box with a 4 pixel #255045 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #255045; -webkit-box-shadow:4px 4px  
4px 4px #255045; box-shadow:4px 4px 4px  
4px #255045 }
```

Background

The CSS property to change the background color of an element to Hex 255045 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#255045 }
```

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

```
.background{ background-color:#255045 }
```

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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