

Converting Colors

Hex(255154)

Have a look what the booklet for
Hex(255154) contains.

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Color

Hex(255154)

Conversions

Conversions Part 1

Format	Color
Hex	255154
RGB	37, 81, 84
RGB Percent	15%, 32%, 33%
CMY	0.8549, 0.6824, 0.6706
CMYK	0.56, 0.04, 0.00, 0.67
HSL	184°, 39%, 24%
HSV	184°, 56%, 33%
XYZ	5.3056, 6.9183, 9.4432
YIQ	68.1860, -27.1870, -8.3950

Conversions

Conversions Part 2

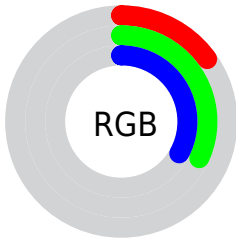
Format	Color
R_{YB}	37, 60, 84
Decimal	2445652
CIE _{Lab}	31.62, -14.17, -6.42
CIE _{LCh}	32, 15.559, 204.390
Yxy	6.9183, 0.2449, 0.3193
Android (android.graphics.Color)	4280635732 (0xFF255154)
YUV	68.1860, 7.7963, -27.3501
Hunter-Lab	26.3026, -10.0235, -2.8746




Details

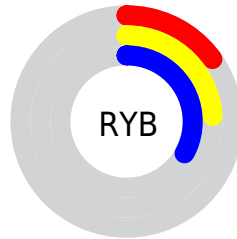
The Hex color **255154** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **542825**, and the grayscale version is **444444**.




A 20% lighter version of the original color is **578285**, and **002427** is the 20% darker color. If you saturate the color by 10%, you get **1D5054**, and if you desaturate by 10%, it is **2D5254**.

Distribution







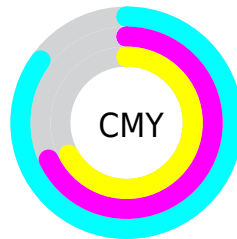
-  Red (15%)
-  Green (32%)
-  Blue (33%)






-  Red (15%)
-  Yellow (24%)
-  Blue (33%)



-  Cyan (56%)
-  Magenta (4%)
-  Yellow (0%)
-  Black (67%)



-  Cyan (85%)
-  Magenta (68%)
-  Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 255154 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 255154 by changing the saturation by 10% instead.

■ 255154

■ 255154

FFFFFF

■ 093A3D

■ 578285

■ 002427

■ 709DA0

■ 000C13

■ 8AB8BB

■ 000000

■ A5D3D6

■ C1F0F3

■ DDFFFF

■ FAFFFF

■ 255154

■ 255154

■ 1D5054

■ 2D5254

■ 145054

■ 365254

■ 0C4F54

■ 3E5354

■ 034F54

■ 475354

■ 004F54

■ 4F5454

■ 575454

■ 605554

■ 685554

■ 715654

Harmonies

Analogous

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



2D5148



255154



294F5E

Triad

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



255154



584459



554932

Complementary

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



255154



542825

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.



5F4537



255154



61424D

Square

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



255154



494861



634241



494D34

Rectangle

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



255154



324D62



634241



594733

Sweetspot

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



255154



5B6C6E



255427



2D3738



B8B8B8



383838

Same Dimension

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



255154



24696E



253A54



252929



006269



00D9E8

Inverse Universe

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



542551



6E2469



543F25



292529



690062



E800D9

Previews

White Background



This preview shows how the Hex color 255154 looks on a white background.

Color Contrast Check

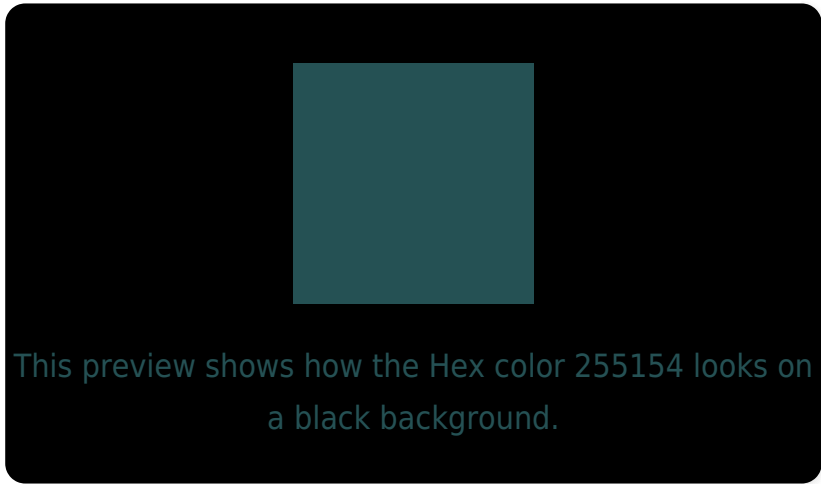
Large Text (above 18pt) WCAG AA ✓ Pass

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

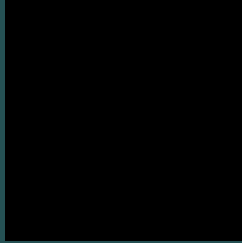
Any Text WCAG AA × Fail

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 255154 Background



This preview shows how black text looks on a background with the Hex color 255154.



This preview shows how white text looks on a background with the Hex color 255154.

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
255154

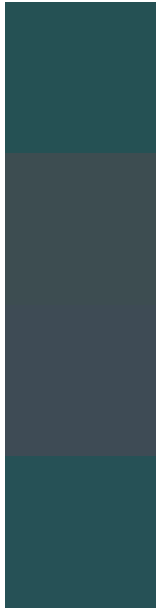
Protanopia
4A4A4F

Deuteranopia
4C4856



Tritanopia
265157

Trichromacy



Original Color
255154

Protanomaly
3D4D51

Deuteranomaly
3E4B55

Tritanomaly
265156

Monochromacy



Original Color
255154

Achromatopsia
444444

Achromatomaly
39494A

CSS Examples

Text

The CSS property to change the color of the text to Hex 255154 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 #255154 looks like.

```
.text, #text, p{  
    color:#255154  
}
```

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 #255154 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #255154
}
```

Border

The CSS property to change the border of an element to Hex 255154 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
#255154 }
```

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

```
.border{ border-color:#255154 }
```

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

Here you see how a box with a 4 pixel #255154 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #255154; -webkit-box-shadow:4px 4px  
4px 4px #255154; box-shadow:4px 4px 4px  
4px #255154 }
```

Background

The CSS property to change the background color of an element to Hex 255154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#255154 }
```

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

```
.background{ background-color:#255154 }
```

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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