

Converting Colors

Hex(255539)

Have a look what the booklet for
Hex(255539) contains.

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Color

Hex(255539)

Conversions

Conversions Part 1

Format	Color
Hex	255539
RGB	37, 85, 57
RGB Percent	15%, 33%, 22%
CMY	0.8549, 0.6667, 0.7765
CMYK	0.56, 0.00, 0.33, 0.67
HSL	145°, 39%, 24%
HSV	145°, 56%, 33%
XYZ	4.7500, 7.1857, 5.0075
YIQ	67.4560, -19.6200, -18.8840

Conversions

Conversions Part 2

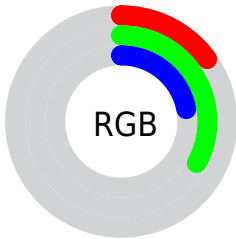
Format	Color
R_{YB}	37, 71, 85
Decimal	2446649
CIE _{Lab}	32.23, -23.70, 11.49
CIE _{LCh}	32, 26.339, 154.130
Y _{xy}	7.1857, 0.2803, 0.4241
Android (android.graphics.Color)	4280636729 (0xFF255539)
YUV	67.4560, -5.1548, -26.7099
Hunter-Lab	26.8062, -15.2812, 7.6887

Details

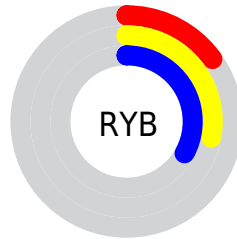
The Hex color **255539** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **552541**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **568768**, and **00270E** is the 20% darker color. If you saturate the color by 10%, you get **1C5534**, and if you desaturate by 10%, it is **2E553E**.

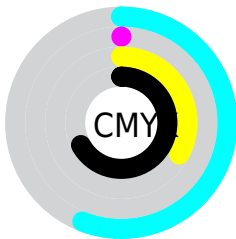
Distribution



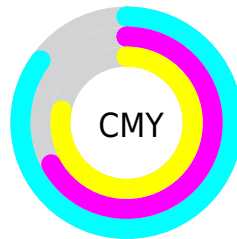
- Red (15%)
- Green (33%)
- Blue (22%)



- Red (15%)
- Yellow (28%)
- Blue (33%)



- Cyan (56%)
- Magenta (0%)
- Yellow (33%)
- Black (67%)



- Cyan (85%)
- Magenta (67%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 255539 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 255539 by changing the saturation by 10% instead.

 255539

 255539

FFFFFF

 0B3D23

 568768

 00270E

 6FA281

 000F00

 8ABD9B

 000000

 A4D9B6

 C0F5D2

 DCFEE

 F9FFFF

 255539

 255539

■ 1C5534

■ 2E553E

■ 14552F

■ 365543

■ 0B552A

■ 3E5548

■ 035525

■ 47554D

■ 005523

■ 4F5552

■ 585557

■ 60555C

■ 695561

■ 725566

Harmonies

Analogous

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



405128



255539



00564E

Triad

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



255539



2F4D75



713D36

Complementary

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



255539



552541

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.



723B4A



255539



51456E

Square

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



255539



005371



683E5E



674427

Rectangle

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



255539



00565C



683E5E



733C3C

Sweetspot

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



255539



5B6E63



415525



2D3832



B8B8B8



383838

Same Dimension

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



255539



236E42



255551



272B29



006B2D



00EB62

Inverse Universe

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



552541



6E234F



552529



2B272A



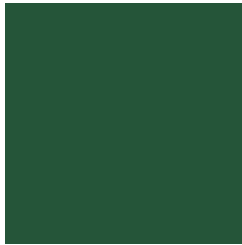
6B003E



EB0089

Previews

White Background



This preview shows how the Hex color 255539 looks on a white background.

Color Contrast Check

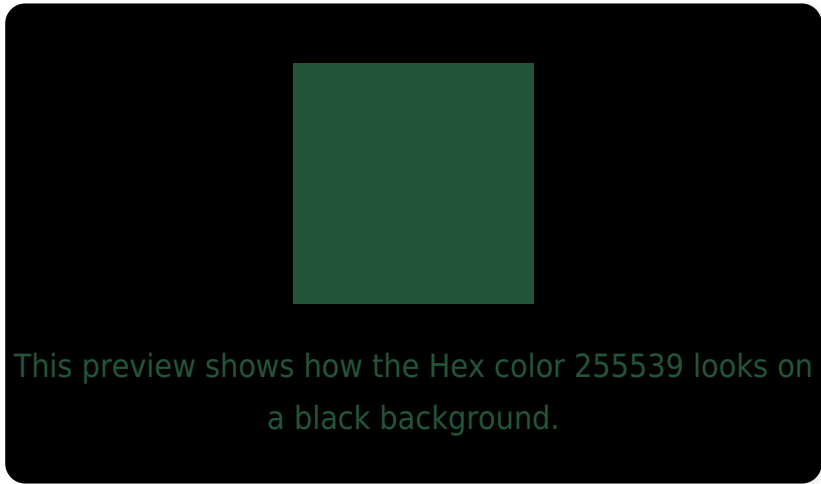
Large Text (above 18pt) WCAG AA ✓ Pass

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

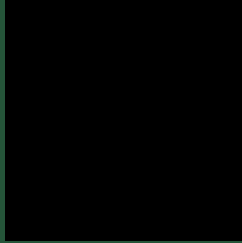
Any Text WCAG AA × Fail

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 255539 Background



This preview shows how black text looks on a background with the Hex color 255539.



This preview shows how white text looks on a background with the Hex color 255539.

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
255539

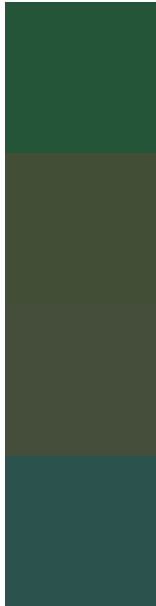
Protanopia
524B35

Deuteranopia
58493C



Tritanopia
2E5158

Trichromacy



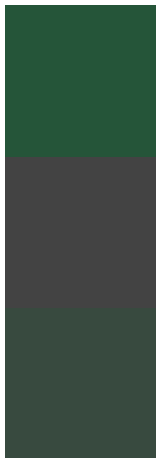
Original Color
255539

Protanomaly
424F36

Deuteranomaly
454D3B

Tritanomaly
2B524D

Monochromacy



Original Color
255539

Achromatopsia
434343

Achromatomaly
384A3F

CSS Examples

Text

The CSS property to change the color of the text to Hex 255539 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 #255539 looks like.

```
.text, #text, p{  
    color:#255539  
}
```

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 #255539 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #255539
}
```

Border

The CSS property to change the border of an element to Hex 255539 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
#255539 }
```

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

```
.border{ border-color:#255539 }
```

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

Here you see how a box with a 4 pixel #255539 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #255539; -webkit-box-shadow:4px 4px  
4px 4px #255539; box-shadow:4px 4px 4px  
4px #255539 }
```

Background

The CSS property to change the background color of an element to Hex 255539 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#255539 }
```

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

```
.background{ background-color:#255539 }
```

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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