

Converting Colors

Hex(235551)

Have a look what the booklet for
Hex(235551) contains.

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Color

Hex(235551)

Conversions

Conversions Part 1

Format	Color
Hex	235551
RGB	35, 85, 81
RGB Percent	14%, 33%, 32%
CMY	0.8627, 0.6667, 0.6824
CMYK	0.59, 0.00, 0.05, 0.67
HSL	175°, 42%, 24%
HSV	175°, 59%, 33%
XYZ	5.4268, 7.4484, 8.9362
YIQ	69.5940, -28.5160, -11.8440

Conversions

Conversions Part 2

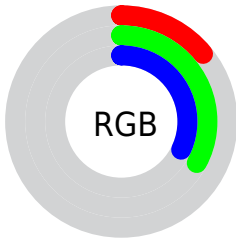
Format	Color
R_{YB}	35, 61, 85
Decimal	2315601
CIE Lab	32.81, -17.84, -2.77
CIE LCh	33, 18.053, 188.812
Yxy	7.4484, 0.2488, 0.3415
Android (android.graphics.Color)	4280505681 (0xFF235551)
YUV	69.5940, 5.6232, -30.3389
Hunter-Lab	27.2918, -12.2667, -0.3093

Details

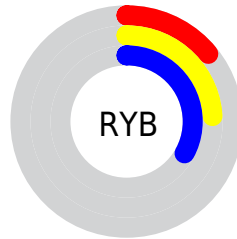
The Hex color **235551** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **552327**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **558782**, and **002725** is the 20% darker color. If you saturate the color by 10%, you get **1B5550**, and if you desaturate by 10%, it is **2C5552**.

Distribution



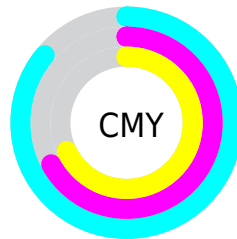
- Red (14%)
- Green (33%)
- Blue (32%)



- Red (14%)
- Yellow (24%)
- Blue (33%)



- Cyan (59%)
- Magenta (0%)
- Yellow (5%)
- Black (67%)



- Cyan (86%)
- Magenta (67%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 235551 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 235551 by changing the saturation by 10% instead.

■ 235551

■ 235551

FFFFFF

■ 063E3A

■ 558782

■ 002725

■ 6FA19C

■ 001210

■ 89BCB7

■ 000000

■ A4D8D3

■ C0F5EF

■ DCFFFF

■ F9FFFF

■ 235551

■ 235551

■ 1B5550

■ 2C5552

■ 125550

■ 345552

■ 0A554F

■ 3D5553

■ 01554E

■ 455554

■ 00554E

■ 4E5554

■ 565555

■ 5E5556

■ 675556

■ 705557

Harmonies

Analogous

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



325442



235551



1E545E

Triad

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



235551



544863



604933

Complementary

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



235551



552327

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.



68443C



235551



634458

Square

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



235551



414D69



694249



534E31

Rectangle

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



235551



255365



694249



634735

Sweetspot

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



235551



5A6E6C



275523



2C3837



B8B8B8



383838

Same Dimension

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



235551



206E67



234055



272B2B



006B63



00EBD8

Inverse Universe

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



552327



6E2026



553823



2B2727



6B0009



EB0013

Previews

White Background



This preview shows how the Hex color 235551 looks on a white background.

Color Contrast Check

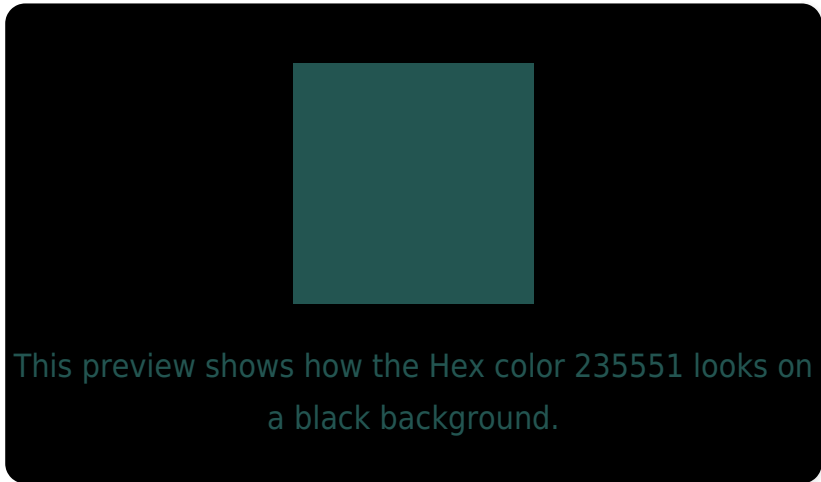
Large Text (above 18pt) WCAG AA ✓ Pass

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

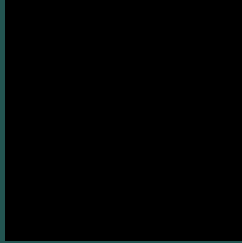
Any Text WCAG AA × Fail

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 235551 Background



This preview shows how black text looks on a background with the Hex color 235551.



This preview shows how white text looks on a background with the Hex color 235551.

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](#).

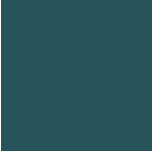
Dichromacy



Original Color
235551

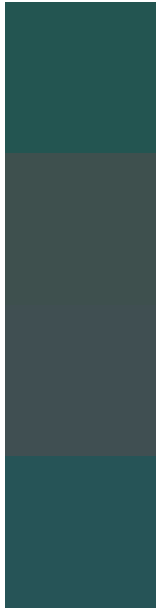
Protanopia
4E4D4C

Deuteranopia
514B53



Tritanopia
27545A

Trichromacy



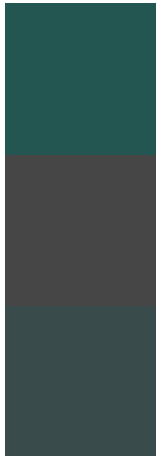
Original Color
235551

Protanomaly
3E504E

Deuteranomaly
404F52

Tritanomaly
265457

Monochromacy



Original Color
235551

Achromatopsia
464646

Achromatomaly
394B4A

CSS Examples

Text

The CSS property to change the color of the text to Hex 235551 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 #235551 looks like.

```
.text, #text, p{  
    color:#235551  
}
```

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 #235551 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #235551
}
```

Border

The CSS property to change the border of an element to Hex 235551 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
#235551 }
```

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

```
.border{ border-color:#235551 }
```

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

Here you see how a box with a 4 pixel #235551 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #235551; -webkit-box-shadow:4px 4px  
4px 4px #235551; box-shadow:4px 4px 4px  
4px #235551 }
```

Background

The CSS property to change the background color of an element to Hex 235551 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#235551 }
```

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

```
.background{ background-color:#235551 }
```

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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