

Converting Colors

Hex(225547)

Have a look what the booklet for
Hex(225547) contains.

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Color

Hex(225547)

Conversions

Conversions Part 1

Format	Color
Hex	225547
RGB	34, 85, 71
RGB Percent	13%, 33%, 28%
CMY	0.8667, 0.6667, 0.7216
CMYK	0.60, 0.00, 0.16, 0.67
HSL	164°, 43%, 23%
HSV	164°, 60%, 33%
XYZ	5.0455, 7.2920, 7.1028
YIQ	68.1550, -25.9020, -15.1660

Conversions

Conversions Part 2

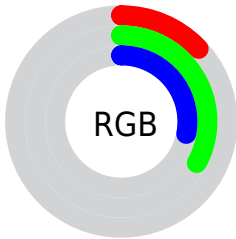
Format	Color
R_{YB}	34, 64, 85
Decimal	2250055
CIE _{Lab}	32.46, -20.98, 3.05
CIE _{LCh}	32, 21.197, 171.739
Yxy	7.2920, 0.2595, 0.3751
Android (android.graphics.Color)	4280440135 (0xFF225547)
YUV	68.1550, 1.4026, -29.9539
Hunter-Lab	27.0037, -13.9046, 3.3075




Details

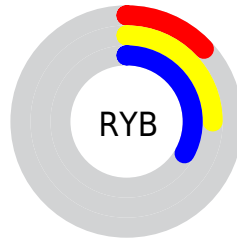
The Hex color **225547** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **552230**, and the grayscale version is **444444**.




A 20% lighter version of the original color is **548777**, and **00271C** is the 20% darker color. If you saturate the color by 10%, you get **195545**, and if you desaturate by 10%, it is **2A5549**.

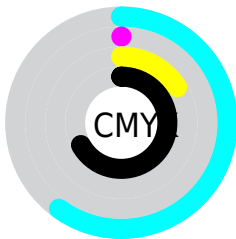
Distribution







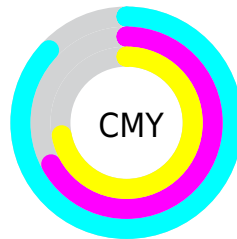
-  Red (13%)
-  Green (33%)
-  Blue (28%)






-  Red (13%)
-  Yellow (25%)
-  Blue (33%)



-  Cyan (60%)
-  Magenta (0%)
-  Yellow (16%)
-  Black (67%)



-  Cyan (87%)
-  Magenta (67%)
-  Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 225547 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 225547 by changing the saturation by 10% instead.

 225547

 225547

FFFFFF

 053E31

 548777

 00271C

 6DA191

 001001

 88BDAB

 000000

 A2D8C7

 BEF5E3

 DAFFFF

 F7FFFF

 225547

 225547

■ 195545

■ 2A5549

■ 115542

■ 33554C

■ 085540

■ 3B554E

■ 00553E

■ 445550

■ 4C5553

■ 555555

■ 5E5557

■ 66555A

■ 6E555C

Harmonies

Analogous

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



385337



225547



0A5558

Triad

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



225547



484A6B



684433

Complementary

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



225547



552230

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.



6D4041



225547



5D4461

Square

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



225547



2C4F6D



6A4052



5C4A2B

Rectangle

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



225547



075462



6A4052



6A4237

Sweetspot

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



225547



5A6E68



305522



2C3835



B8B8B8



383838

Same Dimension

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



225547



1F6E58



224A55



272B2A



006B4E



00EBAA

Inverse Universe

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



552230



6E1F34



552D22



2B2728



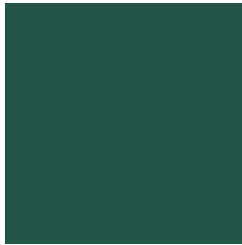
6B001D



EB0040

Previews

White Background



This preview shows how the Hex color 225547 looks on a white background.

Color Contrast Check

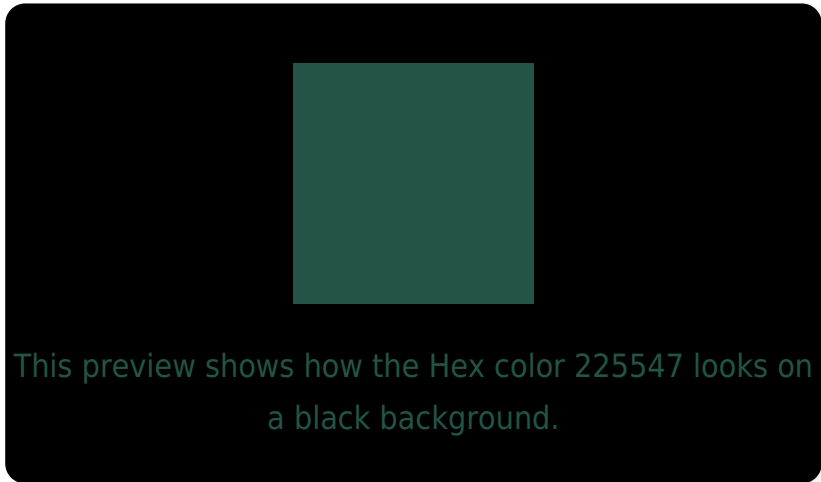
Large Text (above 18pt) WCAG AA ✓ Pass

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

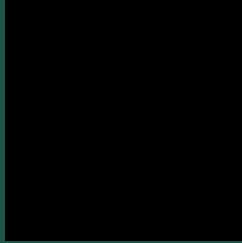
Any Text WCAG AA × Fail

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 225547 Background



This preview shows how black text looks on a background with the Hex color 225547.



This preview shows how white text looks on a background with the Hex color 225547.

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](#).

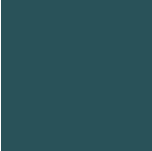
Dichromacy



Original Color
225547

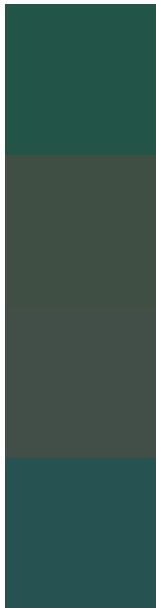
Protanopia
504C42

Deuteranopia
544A49



Tritanopia
295259

Trichromacy



Original Color
225547

Protanomaly
3F4F44

Deuteranomaly
424E48

Tritanomaly
265352

Monochromacy



Original Color
225547

Achromatopsia
444444

Achromatomaly
384A45

CSS Examples

Text

The CSS property to change the color of the text to Hex 225547 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 #225547 looks like.

```
.text, #text, p{  
    color:#225547  
}
```

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 #225547 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #225547
}
```

Border

The CSS property to change the border of an element to Hex 225547 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
#225547 }
```

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

```
.border{ border-color:#225547 }
```

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

Here you see how a box with a 4 pixel #225547 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #225547; -webkit-box-shadow:4px 4px  
4px 4px #225547; box-shadow:4px 4px 4px  
4px #225547 }
```

Background

The CSS property to change the background color of an element to Hex 225547 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#225547 }
```

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

```
.background{ background-color:#225547 }
```

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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