

Converting Colors

Hex(224355)

Have a look what the booklet for
Hex(224355) contains.

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Color

Hex(224355)

Conversions

Conversions Part 1

Format	Color
Hex	224355
RGB	34, 67, 85
RGB Percent	13%, 26%, 33%
CMY	0.8667, 0.7373, 0.6667
CMYK	0.60, 0.21, 0.00, 0.67
HSL	201°, 43%, 23%
HSV	201°, 60%, 33%
XYZ	4.3065, 5.0103, 9.3344
YIQ	59.1850, -25.4460, -1.3980

Conversions

Conversions Part 2

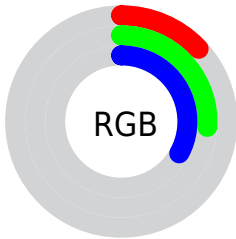
Format	Color
R_YB	34, 54, 85
Decimal	2245461
CIE Lab	26.76, -6.08, -14.46
CIE LCh	27, 15.681, 247.203
Yxy	5.0103, 0.2309, 0.2686
Android (android.graphics.Color)	4280435541 (0xFF224355)
YUV	59.1850, 12.7268, -22.0872
Hunter-Lab	22.3836, -4.8285, -9.0566




Details

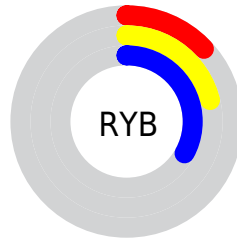
The Hex color **224355** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **553422**, and the grayscale version is **3B3B3B**.




A 20% lighter version of the original color is **537387**, and **001928** is the 20% darker color. If you saturate the color by 10%, you get **194055**, and if you desaturate by 10%, it is **2A4655**.

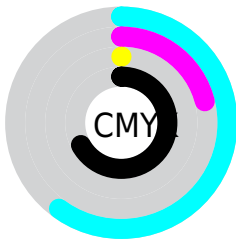
Distribution







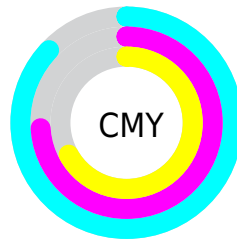
-  Red (13%)
-  Green (26%)
-  Blue (33%)






-  Red (13%)
-  Yellow (21%)
-  Blue (33%)



-  Cyan (60%)
-  Magenta (21%)
-  Yellow (0%)
-  Black (67%)



-  Cyan (87%)
-  Magenta (74%)
-  Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 224355 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 224355 by changing the saturation by 10% instead.

■ 224355

■ 224355

FFFFFF

■ 062D3E

■ 537387

■ 001928

■ 6D8CA1

■ 000113

■ 87A7BC

■ 000000

■ A1C2D8

■ BDDEF4

■ D9FAFF

■ F6FFFF

■ 224355

■ 224355

■ 194055

■ 2A4655

■ 113D55

■ 334955

■ 083A55

■ 3B4C55

■ 003755

■ 444F55

■ 4C5255

■ 555555

■ 5E5855

■ 665B55

■ 6E5E55

Harmonies

Analogous

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



18454D



224355



343F57

Triad

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



224355



57363D



38432C

Complementary

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



224355



553422

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.



453F27



224355



563831

Square

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



224355



513849



4F3B2A



2A4536

Rectangle

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



224355



3F3D54



4F3B2A



3C422A

Sweetspot

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



224355



5A676E



225534



2C3438



B8B8B8



383838

Same Dimension

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



224355



1F526E



222A55



272A2B



00456B



0098EB

Inverse Universe

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



552243



6E1F52



554D22



2B272A



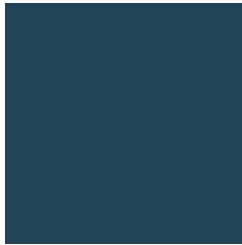
6B0045



EB0098

Previews

White Background



This preview shows how the Hex color 224355 looks on a white background.

Color Contrast Check

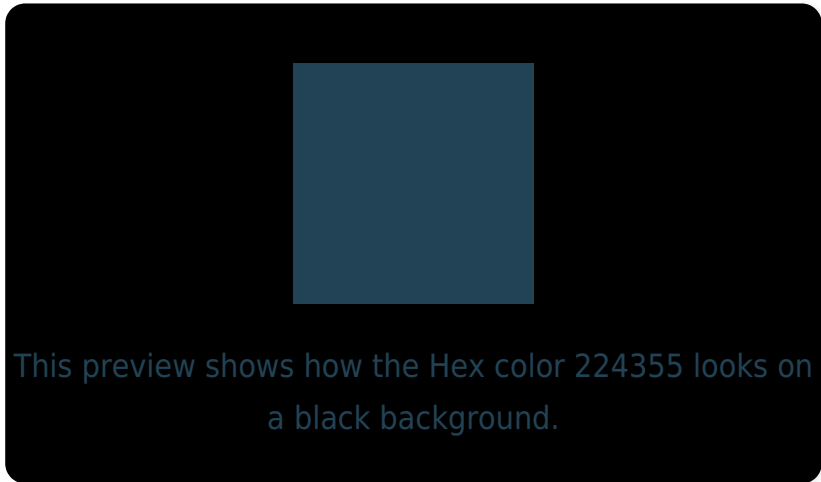
Large Text (above 18pt) WCAG AA ✓ Pass

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

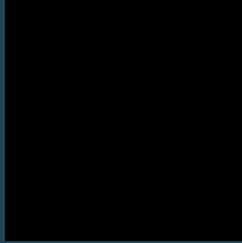
Any Text WCAG AA × Fail

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 224355 Background



This preview shows how black text looks on a background with the Hex color 224355.



This preview shows how white text looks on a background with the Hex color 224355.

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](#).

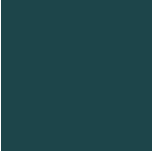
Dichromacy



Original Color
224355

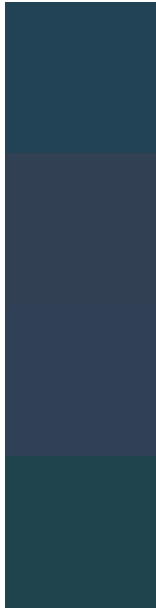
Protanopia
3A3E52

Deuteranopia
383E56



Tritanopia
1D454A

Trichromacy



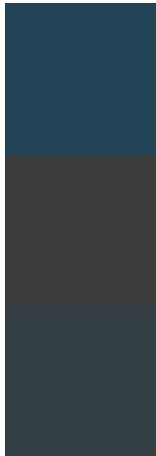
Original Color
224355

Protanomaly
314053

Deuteranomaly
304056

Tritanomaly
1F444E

Monochromacy



Original Color
224355

Achromatopsia
3B3B3B

Achromatomaly
323E44

CSS Examples

Text

The CSS property to change the color of the text to Hex 224355 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 #224355 looks like.

```
.text, #text, p{  
    color:#224355  
}
```

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 #224355 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #224355
}
```

Border

The CSS property to change the border of an element to Hex 224355 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
#224355 }
```

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

```
.border{ border-color:#224355 }
```

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

Here you see how a box with a 4 pixel #224355 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #224355; -webkit-box-shadow:4px 4px  
4px 4px #224355; box-shadow:4px 4px 4px  
4px #224355 }
```

Background

The CSS property to change the background color of an element to Hex 224355 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#224355 }
```

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

```
.background{ background-color:#224355 }
```

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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