

# Converting Colors

Hex(224435)

Have a look what the booklet for  
Hex(224435) contains.

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# Color

Hex(224435)

# Conversions

## Conversions Part 1

Format	Color
Hex	224435
RGB	34, 68, 53
RGB Percent	13%, 27%, 21%
CMY	0.8667, 0.7333, 0.7922
CMYK	0.50, 0.00, 0.22, 0.73
HSL	154°, 33%, 20%
HSV	154°, 50%, 27%
XYZ	3.3694, 4.7314, 4.1038
YIQ	56.1240, -15.4490, -11.8730

# Conversions

## Conversions Part 2

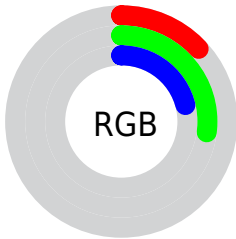
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	34, 56, 68
Decimal	2245685
CIE <sub>Lab</sub>	25.96, -16.59, 5.28
CIE <sub>LCh</sub>	26, 17.411, 162.345
Yxy	4.7314, 0.2761, 0.3877
Android (android.graphics.Color)	4280435765 (0xFF224435)
YUV	56.1240, -1.5401, -19.4027
Hunter-Lab	21.7517, -10.4152, 4.0402

# Details

The Hex color **224435** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **442231**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **517464**, and **001A08** is the 20% darker color. If you saturate the color by 10%, you get **1B4432**, and if you desaturate by 10%, it is **294438**.

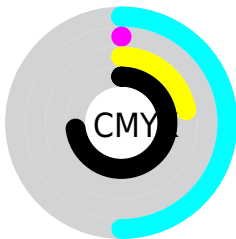
# Distribution



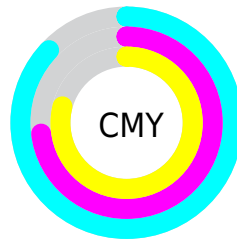
- Red (13%)
- Green (27%)
- Blue (21%)



- Red (13%)
- Yellow (22%)
- Blue (27%)



- Cyan (50%)
- Magenta (0%)
- Yellow (22%)
- Black (73%)



- Cyan (87%)
- Magenta (73%)
- Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 224435 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 224435 by changing the saturation by 10% instead.



■ 224435

■ 224435

FFFFFF

■ 0B2E20

■ 517464

■ 001A08

■ 6A8E7C

■ 000000

■ 83A996

■ 9EC4B1

■ B9E0CC

■ D5FDE9

■ F1FFFF

■ 224435

■ 224435

■ 1B4432

■ 294438

■ 14442F

■ 30443B

■ 0E442C

■ 36443E

■ 074429

■ 3D4441

■ 004426

■ 444444

■ 4B4447

■ 52444A

■ 58444D

■ 5F4450

# Harmonies

## Analogous

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



324229



224435



114543

# Triad

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



224435



343D57



55362C

# Complementary

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



224435



442231

# 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.



573338



224435



463851

# Square

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



224435



1E4156



523446



4D3A24

# Rectangle

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



224435



0B444B



523446



573530



# Sweetspot

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



224435



4C5953



314422



262E2A



ADADAD



2E2E2E



# Same Dimension

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



224435



245942



224244



1E2120



006136



00E07D



# Inverse Universe

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



442231



59243B



442422



211E1F



61002B

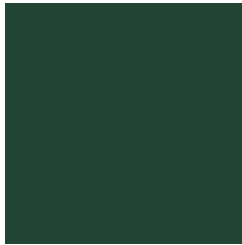


E00063



# Previews

## White Background



This preview shows how the Hex color 224435 looks on a white background.

## Color Contrast Check

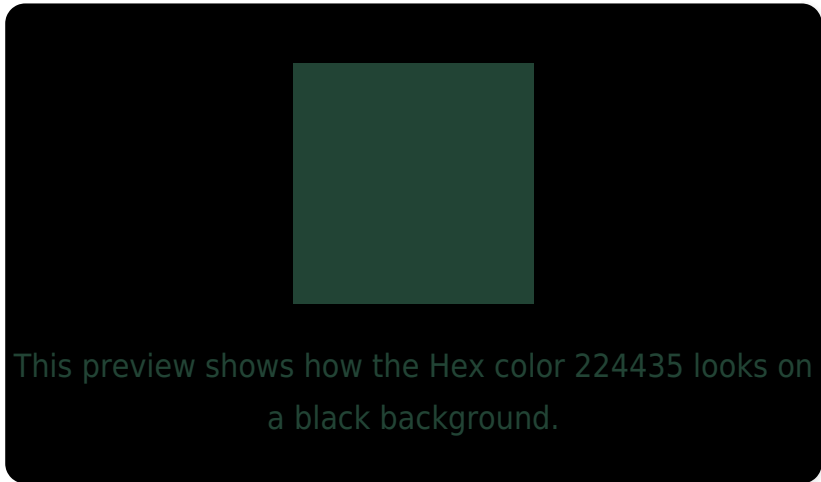
Large Text (above 18pt) WCAG AA ✓ Pass

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

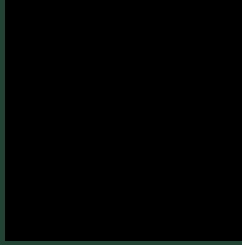
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 224435 Background



This preview shows how black text looks on a background with the Hex color 224435.



This preview shows how white text looks on a background with the Hex color 224435.

# 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**  
224435

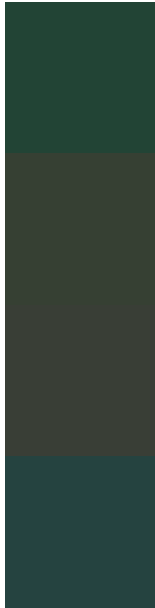
**Protanopia**  
413D32

**Deuteranopia**  
463B37



**Tritanopia**  
274247

# Trichromacy



**Original Color**  
224435

**Protanomaly**  
364033

**Deuteranomaly**  
393E36

**Tritanomaly**  
254340

# Monochromacy



**Original Color**  
224435

**Achromatopsia**  
383838

**Achromatomaly**  
303C37

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 224435 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 #224435 looks like.

```
.text, #text, p{  
  color:#224435  
}
```

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 #224435 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #224435
}
```

## Border

The CSS property to change the border of an element to Hex 224435 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
#224435 }
```

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

```
.border{ border-color:#224435 }
```

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

Here you see how a box with a 4 pixel #224435 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #224435; -webkit-box-shadow:4px 4px  
4px 4px #224435; box-shadow:4px 4px 4px  
4px #224435 }
```

# Background

The CSS property to change the background color of an element to Hex 224435 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#224435 }
```

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

```
.background{ background-color:#224435 }
```

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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