

Converting Colors

Hex(224458)

Have a look what the booklet for
Hex(224458) contains.

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Color

Hex(224458)

Conversions

Conversions Part 1

Format	Color
Hex	224458
RGB	34, 68, 88
RGB Percent	13%, 27%, 35%
CMY	0.8667, 0.7333, 0.6549
CMYK	0.61, 0.23, 0.00, 0.65
HSL	202°, 44%, 24%
HSV	202°, 61%, 35%
XYZ	4.4883, 5.1789, 9.9956
YIQ	60.1140, -26.6840, -0.9880

Conversions

Conversions Part 2

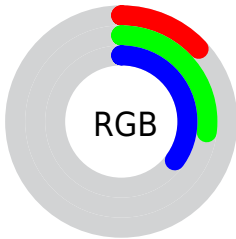
Format	Color
R _Y B	34, 55, 88
Decimal	2245720
CIE Lab	27.24, -5.65, -15.67
CIE LCh	27, 16.660, 250.181
Yxy	5.1789, 0.2283, 0.2634
Android (android.graphics.Color)	4280435800 (0xFF224458)
YUV	60.1140, 13.7478, -22.9020
Hunter-Lab	22.7572, -4.6207, -10.1117

Details

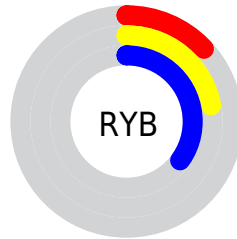
The Hex color **224458** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **583622**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **54748A**, and **00192A** is the 20% darker color. If you saturate the color by 10%, you get **194158**, and if you desaturate by 10%, it is **2B4758**.

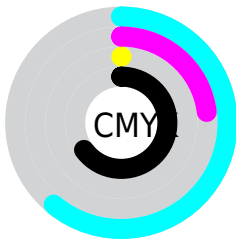
Distribution



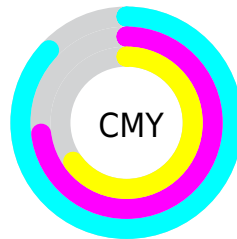
- Red (13%)
- Green (27%)
- Blue (35%)



- Red (13%)
- Yellow (22%)
- Blue (35%)



- Cyan (61%)
- Magenta (23%)
- Yellow (0%)
- Black (65%)



- Cyan (87%)
- Magenta (73%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 224458 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 224458 by changing the saturation by 10% instead.

■ 224458

■ 224458

FFFFFF

■ 062E41

■ 54748A

■ 00192A

■ 6D8EA4

■ 000116

■ 87A8BF

■ 000000

■ A2C3DB

■ BEDFF8

■ DAFcff

■ F7FFFF

■ 224458

■ 224458

■ 194158

■ 2B4758

■ 103D58

■ 344B58

■ 083A58

■ 3C4E58

■ 003758

■ 455158

■ 4E5458

■ 575858

■ 605B58

■ 685E58

■ 716158

Harmonies

Analogous

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



154650



224458



364059

Triad

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



224458



59373C



37442D

Complementary

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



224458



583622

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.



454127



224458



583931

Square

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



224458



543849



503D29



284737

Rectangle

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



224458



423D56



503D29



3C432A

Sweetspot

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



224458



5E6B73



225836



2E363B



BABABA



3B3B3B

Same Dimension

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



224458



1E5373



222958



272A2B



00436B



0094EB

Inverse Universe

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



582244



731E53



585122



2B272A



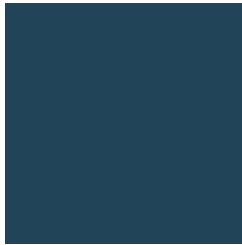
6B0043



EB0094

Previews

White Background



This preview shows how the Hex color 224458 looks on a white background.

Color Contrast Check

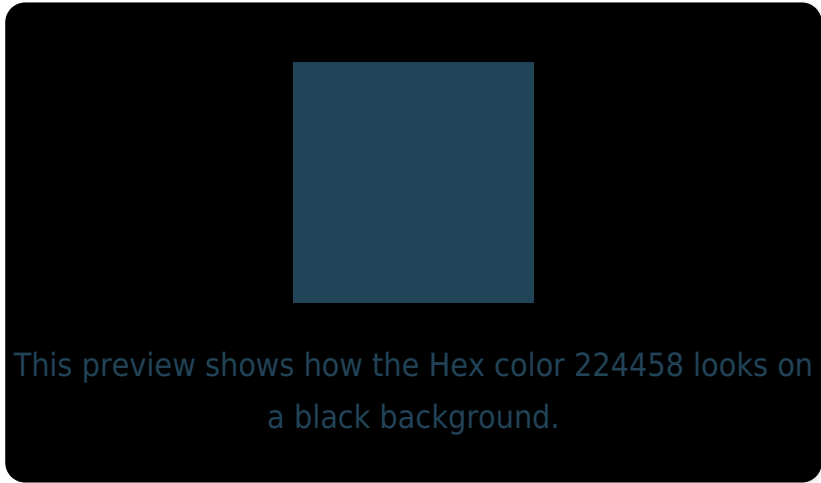
Large Text (above 18pt) WCAG AA ✓ Pass

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

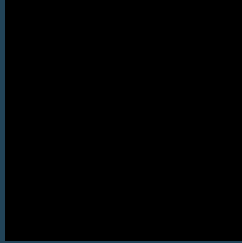
Any Text WCAG AA × Fail

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 224458 Background



This preview shows how black text looks on a background with the Hex color 224458.



This preview shows how white text looks on a background with the Hex color 224458.

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](#).

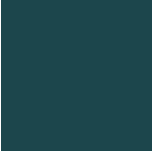
Dichromacy



Original Color
224458

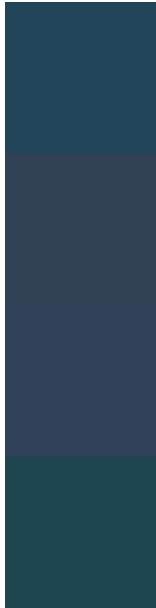
Protanopia
3A3F55

Deuteranopia
383F59



Tritanopia
1C464C

Trichromacy



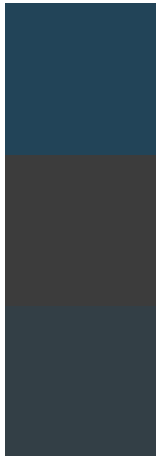
Original Color
224458

Protanomaly
314156

Deuteranomaly
304159

Tritanomaly
1E4550

Monochromacy



Original Color
224458

Achromatopsia
3C3C3C

Achromatomaly
333F46

CSS Examples

Text

The CSS property to change the color of the text to Hex 224458 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 #224458 looks like.

```
.text, #text, p{  
    color:#224458  
}
```

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 #224458 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #224458
}
```

Border

The CSS property to change the border of an element to Hex 224458 is called "border". The border property can be set on classes, ids or directly on the HTML element.

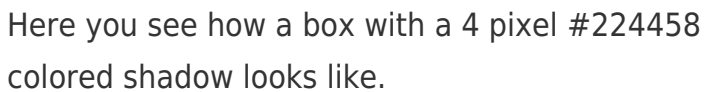
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#224458 }
```

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

```
.border{ border-color:#224458 }
```

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



Here you see how a box with a 4 pixel #224458 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #224458; -webkit-box-shadow:4px 4px  
4px 4px #224458; box-shadow:4px 4px 4px  
4px #224458 }
```

Background

The CSS property to change the background color of an element to Hex 224458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#224458 }
```

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

```
.background{ background-color:#224458 }
```

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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