

Converting Colors

Hex(224935)

Have a look what the booklet for
Hex(224935) contains.

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Color

Hex(224935)

Conversions

Conversions Part 1

Format	Color
Hex	224935
RGB	34, 73, 53
RGB Percent	13%, 29%, 21%
CMY	0.8667, 0.7137, 0.7922
CMYK	0.53, 0.00, 0.27, 0.71
HSL	149°, 36%, 21%
HSV	149°, 53%, 29%
XYZ	3.6848, 5.3622, 4.2090
YIQ	59.0590, -16.8240, -14.4880

Conversions

Conversions Part 2

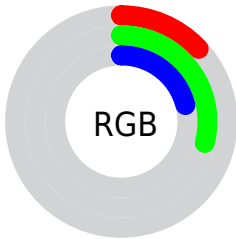
Format	Color
R_{YB}	34, 60, 73
Decimal	2246965
CIE _{Lab}	27.74, -19.32, 7.79
CIE _{LCh}	28, 20.835, 158.031
Yxy	5.3622, 0.2780, 0.4045
Android (android.graphics.Color)	4280437045 (0xFF224935)
YUV	59.0590, -2.9871, -21.9767
Hunter-Lab	23.1564, -12.1195, 5.4329

Details

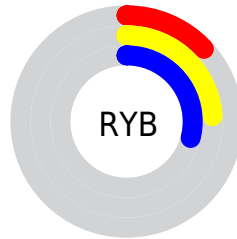
The Hex color **224935** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **492236**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **527A64**, and **001E08** is the 20% darker color. If you saturate the color by 10%, you get **1B4931**, and if you desaturate by 10%, it is **294939**.

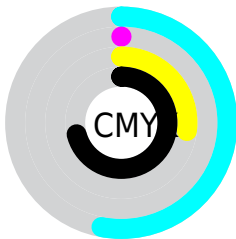
Distribution



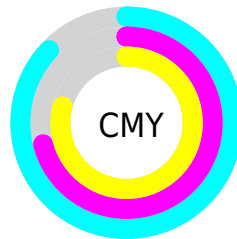
- Red (13%)
- Green (29%)
- Blue (21%)



- Red (13%)
- Yellow (24%)
- Blue (29%)



- Cyan (53%)
- Magenta (0%)
- Yellow (27%)
- Black (71%)



- Cyan (87%)
- Magenta (71%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 224935 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 224935 by changing the saturation by 10% instead.

■ 224935

■ 224935

FFFFFF

■ 0A3220

■ 527A64

■ 001E08

■ 6A947D

■ 000000

■ 84AF96

■ 9FCAB1

■ BAE6CD

■ D6FFE9

■ F2FFFF

■ 224935

■ 224935

■ 1B4931

■ 294939

■ 13492E

■ 31493C

■ 0C492A

■ 384940

■ 054926

■ 3F4944

■ 004924

■ 464948

■ 4E494B

■ 55494F

■ 5C4953

■ 644957

Harmonies

Analogous

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



364628



224935



054A45

Triad

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



224935



314261



5E372F

Complementary

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



224935



492236

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.



60353E



224935



493C5B

Square

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



224935



10465F



59374E



563C24

Rectangle

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



224935



004A50



59374E



603633

Sweetspot

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



224935



4F5E57



364922



27302C



B0B0B0



303030

Same Dimension

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



224935



225E3F



224948



202422



006330



00E36F

Inverse Universe

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



492236



5E2241



492223



242022



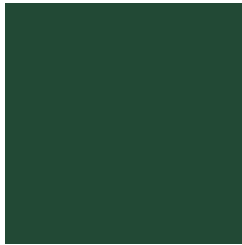
630033



E30074

Previews

White Background



This preview shows how the Hex color 224935 looks on a white background.

Color Contrast Check

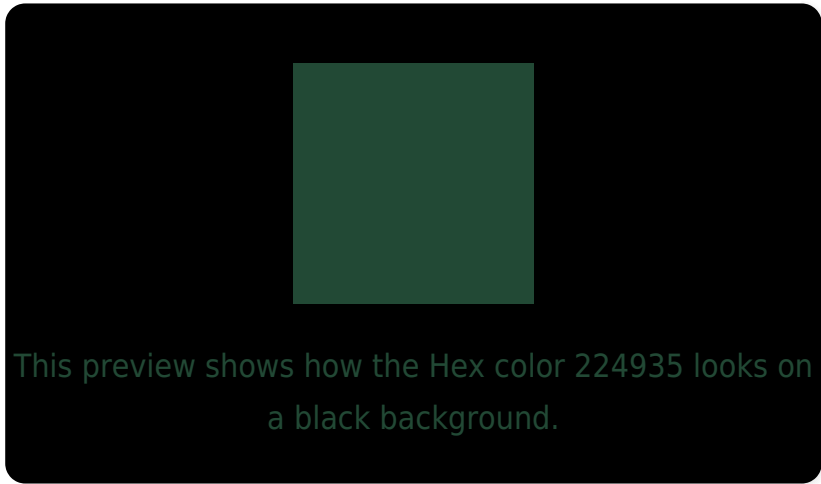
Large Text (above 18pt) WCAG AA ✓ Pass

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

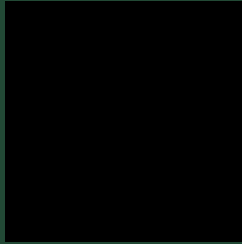
Any Text WCAG AA × Fail

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 224935 Background



This preview shows how black text looks on a background with the Hex color 224935.



This preview shows how white text looks on a background with the Hex color 224935.

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](#).

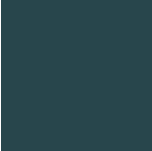
Dichromacy



Original Color
224935

Protanopia
464131

Deuteranopia
4B3F37



Tritanopia
28464C

Trichromacy



Original Color
224935

Protanomaly
394432

Deuteranomaly
3C4336

Tritanomaly
264744

Monochromacy



Original Color
224935

Achromatopsia
3B3B3B

Achromatomaly
324039

CSS Examples

Text

The CSS property to change the color of the text to Hex 224935 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 #224935 looks like.

```
.text, #text, p{  
    color:#224935  
}
```

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 #224935 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #224935
}
```

Border

The CSS property to change the border of an element to Hex 224935 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".

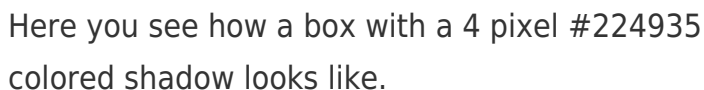
```
.border, #border, table{ border:4px solid
#224935 }
```

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

```
.border{ border-color:#224935 }
```

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

Here you see how a box with a 4 pixel #224935 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #224935; -webkit-box-shadow:4px 4px  
4px 4px #224935; box-shadow:4px 4px 4px  
4px #224935 }
```

Background

The CSS property to change the background color of an element to Hex 224935 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#224935 }
```

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

```
.background{ background-color:#224935 }
```

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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