

Converting Colors

Hex(224634)

Have a look what the booklet for
Hex(224634) contains.

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Color

Hex(224634)

Conversions

Conversions Part 1

Format	Color
Hex	224634
RGB	34, 70, 52
RGB Percent	13%, 27%, 20%
CMY	0.8667, 0.7255, 0.7961
CMYK	0.51, 0.00, 0.26, 0.73
HSL	150°, 35%, 20%
HSV	150°, 51%, 27%
XYZ	3.4697, 4.9683, 4.0249
YIQ	57.1840, -15.6780, -13.2300

Conversions

Conversions Part 2

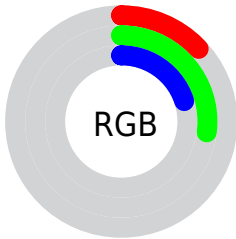
Format	Color
RYB	34, 58, 70
Decimal	2246196
CIELab	26.64, -17.95, 6.90
CIElCh	27, 19.228, 158.968
Yxy	4.9683, 0.2784, 0.3986
Android (android.graphics.Color)	4280436276 (0xFF224634)
YUV	57.1840, -2.5557, -20.3324
Hunter-Lab	22.2898, -11.2213, 4.8967




Details

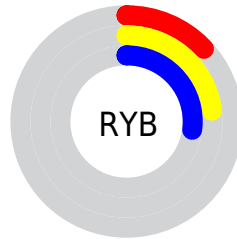
The Hex color **224634** is a dark color, and the websafe version is hex **003333**, and the color name is **velvet (birōdo)**. A complement of this color would be **462234**, and the grayscale version is **393939**.




A 20% lighter version of the original color is **517762**, and **001C07** is the 20% darker color. If you saturate the color by 10%, you get **1B4631**, and if you desaturate by 10%, it is **294638**.

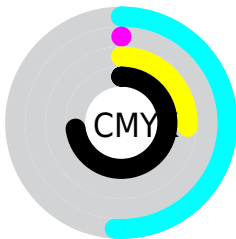
Distribution







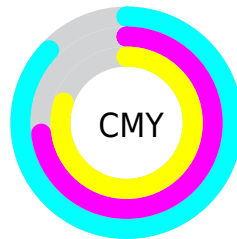
-  Red (13%)
-  Green (27%)
-  Blue (20%)






-  Red (13%)
-  Yellow (23%)
-  Blue (27%)



-  Cyan (51%)
-  Magenta (0%)
-  Yellow (26%)
-  Black (73%)



-  Cyan (87%)
-  Magenta (73%)
-  Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 224634 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 224634 by changing the saturation by 10% instead.

 224634

 224634

FFFFFF

 0A2F1F

 517762

 001C07

 6A907B

 000000

 83AB95

 9EC6B0

 B9E2CB

 D5FFE7

 F2FFFF

 224634

 224634

■ 1B4631

■ 294638

■ 14462D

■ 30463B

■ 0D4629

■ 37463F

■ 064626

■ 3E4642

■ 004623

■ 454646

■ 4C4649

■ 53464D

■ 5A4650

■ 614654

Harmonies

Analogous

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



344428



224634



0C4743

Triad

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



224634



313F5C



5A362D

Complementary

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



224634



462234

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.



5B343B



224634



463A56

Square

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



224634



16435A



55354A



513B24

Rectangle

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



224634



00464D



55354A



5B3532

Sweetspot

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



224634



4E5C55



344622



262E2A



ADADAD



2E2E2E

Same Dimension

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



224634



235C3F



224646



202422



006332



00E371

Inverse Universe

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



462234



5C233F



462222



242022



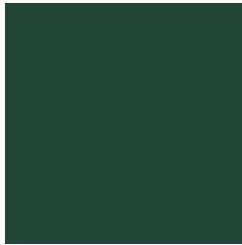
630032



E30071

Previews

White Background



This preview shows how the Hex color 224634 looks on a white background.

Color Contrast Check

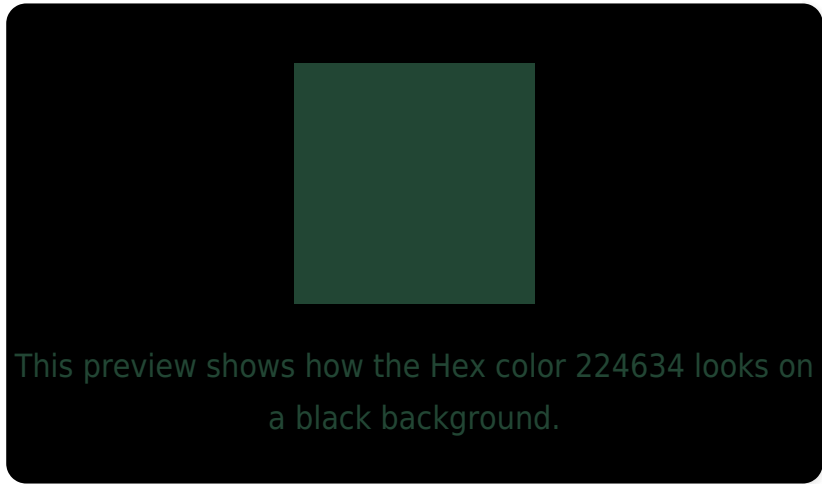
Large Text (above 18pt) WCAG AA ✓ Pass

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

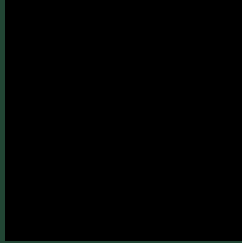
Any Text WCAG AA × Fail

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 224634 Background



This preview shows how black text looks on a background with the Hex color 224634.

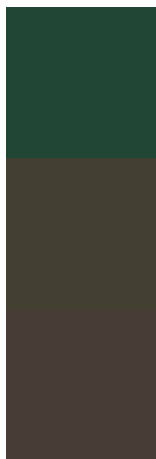


This preview shows how white text looks on a background with the Hex color 224634.

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](#).

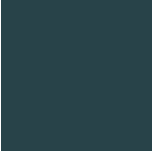
Dichromacy



Original Color
224634

Protanopia
433F31

Deuteranopia
483C36



Tritanopia
284349

Trichromacy



Original Color
224634

Protanomaly
374232

Deuteranomaly
3A4035

Tritanomaly
264441

Monochromacy



Original Color
224634

Achromatopsia
393939

Achromatomaly
313E37

CSS Examples

Text

The CSS property to change the color of the text to Hex 224634 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 #224634 looks like.

```
.text, #text, p{  
    color:#224634  
}
```

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 #224634 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #224634
}
```

Border

The CSS property to change the border of an element to Hex 224634 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
#224634 }
```

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

```
.border{ border-color:#224634 }
```

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

Here you see how a box with a 4 pixel #224634 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #224634; -webkit-box-shadow:4px 4px  
4px 4px #224634; box-shadow:4px 4px 4px  
4px #224634 }
```

Background

The CSS property to change the background color of an element to Hex 224634 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#224634 }
```

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

```
.background{ background-color:#224634 }
```

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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