

Converting Colors

Hex(224C41)

Have a look what the booklet for
Hex(224C41) contains.

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Color

Hex(224C41)

Conversions

Conversions Part 1

Format	Color
Hex	224C41
RGB	34, 76, 65
RGB Percent	13%, 30%, 25%
CMY	0.8667, 0.7020, 0.7451
CMYK	0.55, 0.00, 0.14, 0.70
HSL	164°, 38%, 22%
HSV	164°, 55%, 30%
XYZ	4.1983, 5.8906, 5.9168
YIQ	62.1880, -21.5010, -12.3250

Conversions

Conversions Part 2

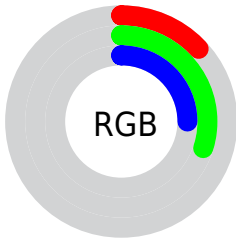
Format	Color
R_{YB}	34, 58, 76
Decimal	2247745
CIE Lab	29.13, -17.80, 2.06
CIE LCh	29, 17.921, 173.384
Yxy	5.8906, 0.2623, 0.3680
Android (android.graphics.Color)	4280437825 (0xFF224C41)
YUV	62.1880, 1.3863, -24.7209
Hunter-Lab	24.2706, -11.5971, 2.5355

Details

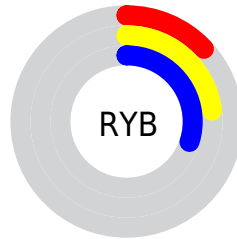
The Hex color **224C41** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **4C222D**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **527D71**, and **002017** is the 20% darker color. If you saturate the color by 10%, you get **1A4C3F**, and if you desaturate by 10%, it is **2A4C43**.

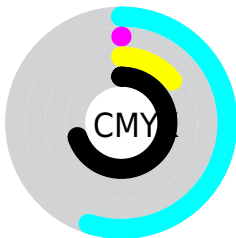
Distribution



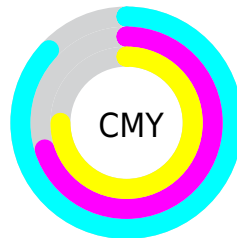
- Red (13%)
- Green (30%)
- Blue (25%)



- Red (13%)
- Yellow (23%)
- Blue (30%)



- Cyan (55%)
- Magenta (0%)
- Yellow (14%)
- Black (70%)



- Cyan (87%)
- Magenta (70%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 224C41 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 224C41 by changing the saturation by 10% instead.



224C41



224C41

FFFFFF



08352B



527D71



002017



6B978A



000000



85B2A4



A0CEC0



BBEADB



D7FFF8



F4FFFF



224C41



224C41

■ 1A4C3F

■ 2A4C43

■ 134C3D

■ 314C45

■ 0B4C3B

■ 394C47

■ 044C39

■ 404C49

■ 004C38

■ 484C4B

■ 504C4D

■ 574C4F

■ 5F4C51

■ 664C53

Harmonies

Analogous

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



334A34



224C41



144C4F

Triad

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



224C41



42425E



5B3E2F

Complementary

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



224C41



4C222D

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.



603B3A



224C41



533D55

Square

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



224C41



2D4760



5E3A48



514329

Rectangle

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



224C41



144B57



5E3A48



5E3D32

Sweetspot

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



224C41



53635F



2D4C22



293330



B3B3B3



333333

Same Dimension

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



224C41



226352



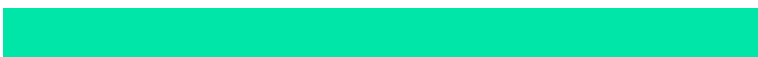
22424C



222625



00664B



00E6A9

Inverse Universe

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



4C222D



632233



4C2C22



262223



66001B



E6003C

Previews

White Background



This preview shows how the Hex color 224C41 looks on a white background.

Color Contrast Check

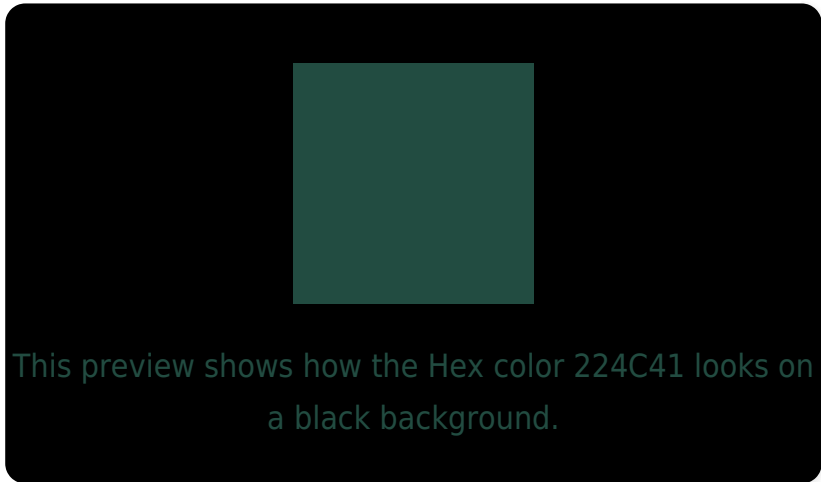
Large Text (above 18pt) WCAG AA ✓ Pass

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

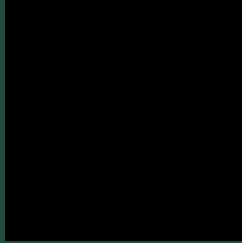
Any Text WCAG AA × Fail

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 224C41 Background



This preview shows how black text looks on a background with the Hex color 224C41.



This preview shows how white text looks on a background with the Hex color 224C41.

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](#).

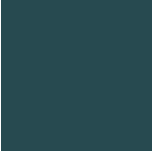
Dichromacy



Original Color
224C41

Protanopia
47443D

Deuteranopia
4C4243



Tritanopia
274A50

Trichromacy



Original Color
224C41

Protanomaly
3A473E

Deuteranomaly
3D4642

Tritanomaly
254B4B

Monochromacy



Original Color
224C41

Achromatopsia
3E3E3E

Achromatomaly
34433F

CSS Examples

Text

The CSS property to change the color of the text to Hex 224C41 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 #224C41 looks like.

```
.text, #text, p{  
    color:#224C41  
}
```

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 #224C41 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #224C41
}
```

Border

The CSS property to change the border of an element to Hex 224C41 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
#224C41 }
```

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

```
.border{ border-color:#224C41 }
```

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

Here you see how a box with a 4 pixel #224C41 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #224C41; -webkit-box-shadow:4px 4px  
4px 4px #224C41; box-shadow:4px 4px 4px  
4px #224C41 }
```

Background

The CSS property to change the background color of an element to Hex 224C41 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#224C41 }
```

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

```
.background{ background-color:#224C41 }
```

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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