

Converting Colors

Hex(224B05)

Have a look what the booklet for
Hex(224B05) contains.

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Color

Hex(224B05)

Conversions

Conversions Part 1

Format	Color
Hex	224B05
RGB	34, 75, 5
RGB Percent	13%, 29%, 2%
CMY	0.8667, 0.7059, 0.9804
CMYK	0.55, 0.00, 0.93, 0.71
HSL	95°, 88%, 16%
HSV	95°, 93%, 29%
XYZ	3.2032, 5.3832, 1.0138
YIQ	54.7610, -1.9660, -30.4620

Conversions

Conversions Part 2

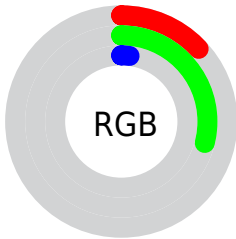
Format	Color
RYB	5, 75, 46
Decimal	2247429
CIELab	27.80, -27.29, 33.44
CIElCh	28, 43.162, 129.214
Yxy	5.3832, 0.3337, 0.5607
Android (android.graphics.Color)	4280437509 (0xFF224B05)
YUV	54.7610, -24.5322, -18.2074
Hunter-Lab	23.2017, -15.9598, 13.6505

Details

The Hex color **224B05** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **2E054B**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **547C36**, and **002000** is the 20% darker color. If you saturate the color by 10%, you get **1F4B00**, and if you desaturate by 10%, it is **264B0D**.

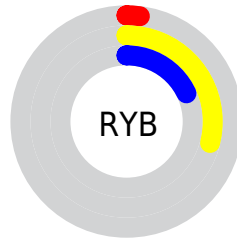
Distribution



Red (13%)

Green (29%)

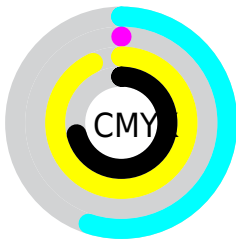
Blue (2%)



Red (2%)

Yellow (29%)

Blue (18%)

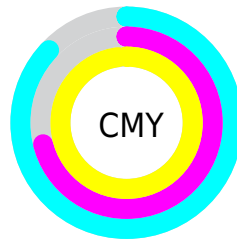


Cyan (55%)

Magenta (0%)

Yellow (93%)

Black (71%)



Cyan (87%)

Magenta (71%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 224B05 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 224B05 by changing the saturation by 10% instead.

 224B05

 224B05

 FFFFEF

 093400

 547C36

 002000

 6D964E

 000000

 88B167

 A3CD81

 BEE99B

 DBFFB6

 F7FFD2

 224B05

 224B05

■ 1F4B00

■ 264B0D

■ 2B4B14

■ 2F4B1C

■ 344B23

■ 384B2B

■ 3C4B32

■ 414B3A

■ 454B41

■ 4A4B49

Harmonies

Analogous

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



474300



224B05



004F29

Triad

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



224B05



004B80



7C1C39

Complementary

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



224B05



2E054B

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.



70235A



224B05



004284

Square

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



224B05



00506B



4F3475



762819

Rectangle

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



224B05



005040



4F3475



7A1C44

Sweetspot

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



224B05



516146



4B2E05



273020



B0B0B0



303030

Same Dimension

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



224B05



286100



054B0B



242622



2A6600



5FE600

Inverse Universe

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



2E054B



390061



4B0545



252226



3C0066



8600E6

Previews

White Background



This preview shows how the Hex color 224B05 looks on a white background.

Color Contrast Check

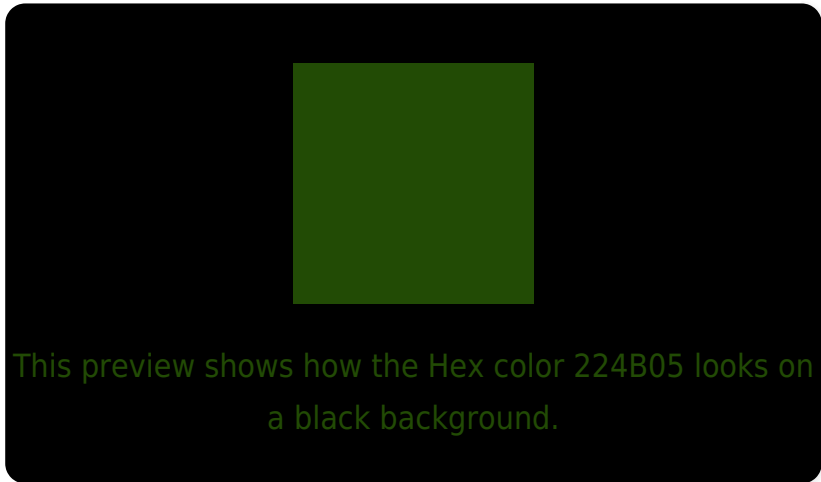
Large Text (above 18pt) WCAG AA ✓ Pass

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

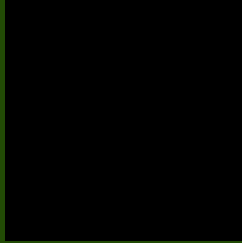
Any Text WCAG AA × Fail

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 224B05 Background



This preview shows how black text looks on a background with the Hex color 224B05.



This preview shows how white text looks on a background with the Hex color 224B05.

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
224B05

Protanopia
4A4200

Deuteranopia
533E10



Tritanopia
2D464B

Trichromacy



Original Color
224B05

Protanomaly
3B4502

Deuteranomaly
41430C

Tritanomaly
294832

Monochromacy



Original Color
224B05

Achromatopsia
373737

Achromatomaly
2F3E25

CSS Examples

Text

The CSS property to change the color of the text to Hex 224B05 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 #224B05 looks like.

```
.text, #text, p{  
    color:#224B05  
}
```

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 #224B05 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #224B05
}
```

Border

The CSS property to change the border of an element to Hex 224B05 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
#224B05 }
```

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

```
.border{ border-color:#224B05 }
```

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

Here you see how a box with a 4 pixel #224B05 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #224B05; -webkit-box-shadow:4px 4px  
4px 4px #224B05; box-shadow:4px 4px 4px  
4px #224B05 }
```

Background

The CSS property to change the background color of an element to Hex 224B05 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#224B05 }
```

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

```
.background{ background-color:#224B05 }
```

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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