

Converting Colors

Hex(225005)

Have a look what the booklet for
Hex(225005) contains.

Hex(225005)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

Hex(225005)

Conversions

Conversions Part 1

Format	Color
Hex	225005
RGB	34, 80, 5
RGB Percent	13%, 31%, 2%
CMY	0.8667, 0.6863, 0.9804
CMYK	0.58, 0.00, 0.94, 0.69
HSL	97°, 88%, 17%
HSV	97°, 94%, 31%
XYZ	3.5557, 6.0884, 1.1313
YIQ	57.6960, -3.3410, -33.0770

Conversions

Conversions Part 2

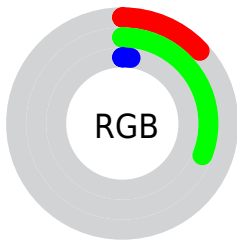
Format	Color
R_YB	5, 80, 51
Decimal	2248709
CIE _{Lab}	29.63, -29.47, 35.04
CIE _{LCh}	30, 45.786, 130.072
Yxy	6.0884, 0.3300, 0.5650
Android (android.graphics.Color)	4280438789 (0xFF225005)
YUV	57.6960, -25.9791, -20.7814
Hunter-Lab	24.6746, -17.4578, 14.5537

Details

The Hex color **225005** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **330550**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **558237**, and **002400** is the 20% darker color. If you saturate the color by 10%, you get **1F5000**, and if you desaturate by 10%, it is **27500D**.

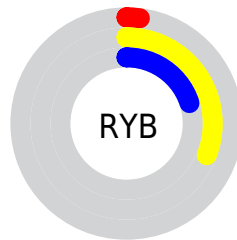
Distribution



Red (13%)

Green (31%)

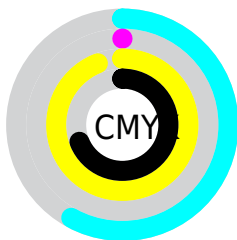
Blue (2%)



Red (2%)

Yellow (31%)

Blue (20%)

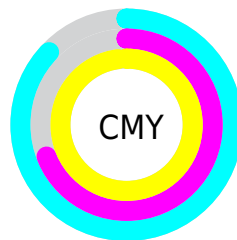


Cyan (58%)

Magenta (0%)

Yellow (94%)

Black (69%)



Cyan (87%)

Magenta (69%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 225005 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 225005 by changing the saturation by 10% instead.

 225005

 225005

 FFFFF1

 083900

 558237

 002400

 6F9C50

 000000

 89B769

 A4D382

 C0EF9D

 DCFFB8

 F9FFD4

 225005

 225005

■ 1F5000

■ 27500D

■ 2C5015

■ 31501D

■ 365025

■ 3B502D

■ 3F5035

■ 44503D

■ 495045

■ 4E504D

Harmonies

Analogous

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



4B4800



225005



00542C

Triad

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



225005



005089



841D3B

Complementary

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



225005



330550

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.



78245F



225005



00468C

Square

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



225005



005573



55367D



7D2A19

Rectangle

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



225005



005545



55367D



821C47

Sweetspot

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



225005



57694B



503205



2A3623



B5B5B5



363636

Same Dimension

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



225005



286900



05500C



262925



5AE800

Inverse Universe

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



330550



400069



500549



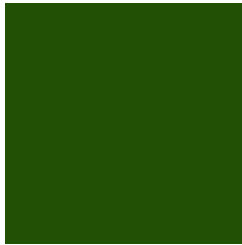
272529



8E00E8

Previews

White Background



This preview shows how the Hex color 225005 looks on a white background.

Color Contrast Check

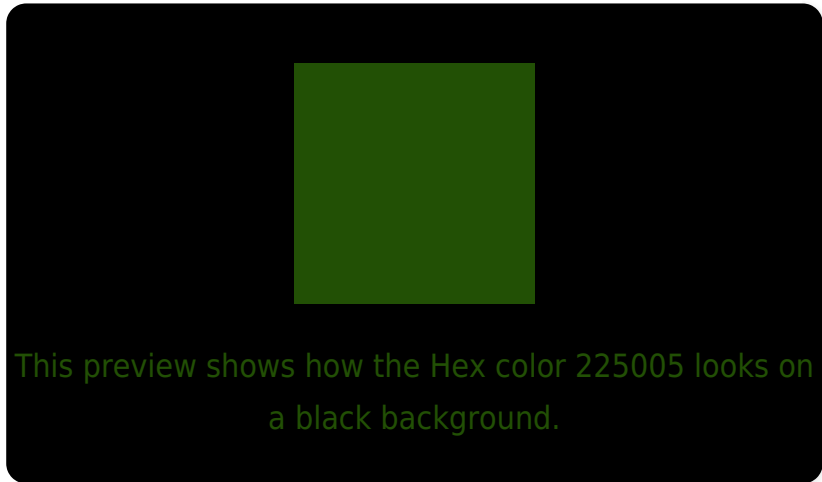
Large Text (above 18pt) WCAG AA ✓ Pass

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

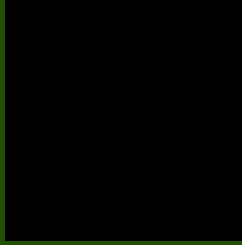
Any Text WCAG AA × Fail

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 225005 Background



This preview shows how black text looks on a background with the Hex color 225005.



This preview shows how white text looks on a background with the Hex color 225005.

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](#).

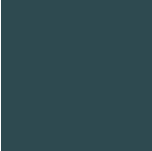
Dichromacy



Original Color
225005

Protanopia
4F4600

Deuteranopia
584211



Tritanopia
2E4A50

Trichromacy



Original Color
225005

Protanomaly
3F4A02

Deuteranomaly
44470D

Tritanomaly
2A4C35

Monochromacy



Original Color
225005

Achromatopsia
3A3A3A

Achromatomaly
314227

CSS Examples

Text

The CSS property to change the color of the text to Hex 225005 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 #225005 looks like.

```
.text, #text, p{  
    color:#225005  
}
```

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 #225005 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #225005
}
```

Border

The CSS property to change the border of an element to Hex 225005 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
#225005 }
```

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

```
.border{ border-color:#225005 }
```

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

Here you see how a box with a 4 pixel #225005 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #225005; -webkit-box-shadow:4px 4px  
4px 4px #225005; box-shadow:4px 4px 4px  
4px #225005 }
```

Background

The CSS property to change the background color of an element to Hex 225005 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#225005 }
```

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

```
.background{ background-color:#225005 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor