

# Converting Colors

Hex(3C1705)

Have a look what the booklet for  
Hex(3C1705) contains.

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**Color**

**Hex(3C1705)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3C1705
RGB	60, 23, 5
RGB Percent	24%, 9%, 2%
CMY	0.7647, 0.9098, 0.9804
CMYK	0.00, 0.62, 0.92, 0.76
HSL	20°, 85%, 13%
HSV	20°, 92%, 24%
XYZ	2.1973, 1.5844, 0.3336
YIQ	32.0110, 27.8300, 2.2460

# Conversions

## Conversions Part 2

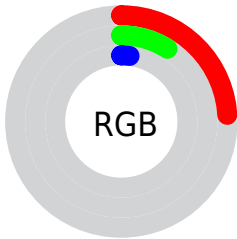
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	60, 32, 5
Decimal	3938053
CIE <sub>Lab</sub>	13.13, 16.85, 17.87
CIE <sub>LCh</sub>	13, 24.568, 46.684
Yxy	1.5844, 0.5339, 0.3850
Android (android.graphics.Color)	4282128133 (0xFF3C1705)
YUV	32.0110, -13.3164, 24.5464
Hunter-Lab	12.5873, 9.1315, 7.2398

# Details

The Hex color **3C1705** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **052A3C**, and the grayscale version is **202020**.

A 20% lighter version of the original color is **6E4333**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **3C1400**, and if you desaturate by 10%, it is **3C1B0B**.

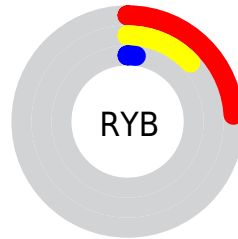
# Distribution



Red (24%)

Green (9%)

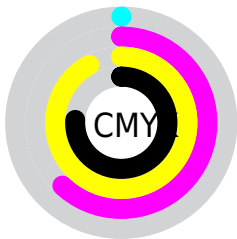
Blue (2%)



Red (24%)

Yellow (13%)

Blue (2%)

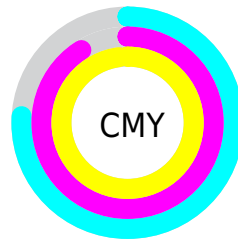


Cyan (0%)

Magenta (62%)

Yellow (92%)

Black (76%)



Cyan (76%)

Magenta (91%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3C1705 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 3C1705 by changing the saturation by 10% instead.



 3C1705

 3C1705

 FFFCE6

 250000

 6E4333

 000000

 895B49

 A47361

 C08D7A

 DDA894

 FAC3AE

 FFDFCA

 3C1705

 3C1705

■ 3C1400

■ 3C1B0B

■ 3C1F11

■ 3C2317

■ 3C271D

■ 3C2B23

■ 3C2F29

■ 3C332F

■ 3C3735

■ 3C3B3B

# Harmonies

## Analogous

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



401119



3C1705



321E00

# Triad

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



3C1705



002919



122043

# Complementary

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



3C1705



052A3C

# 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.



002643



3C1705



002A2B

# Square

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



3C1705



0E2705



00293A



2F1939

# Rectangle

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



3C1705



282200



00293A



002344



# Sweetspot

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



3C1705



4F4039



3C052B



291F1B



A8A8A8



292929



# Same Dimension

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



3C1705



4F1A00



3C3205



1F1D1C



5E1F00



DE4900



# Inverse Universe

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



052A3C



00354F



050F3C



1C1E1F



003F5E

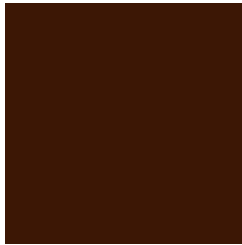


0095DE



# Previews

## White Background



This preview shows how the Hex color 3C1705 looks on a white background.

## Color Contrast Check

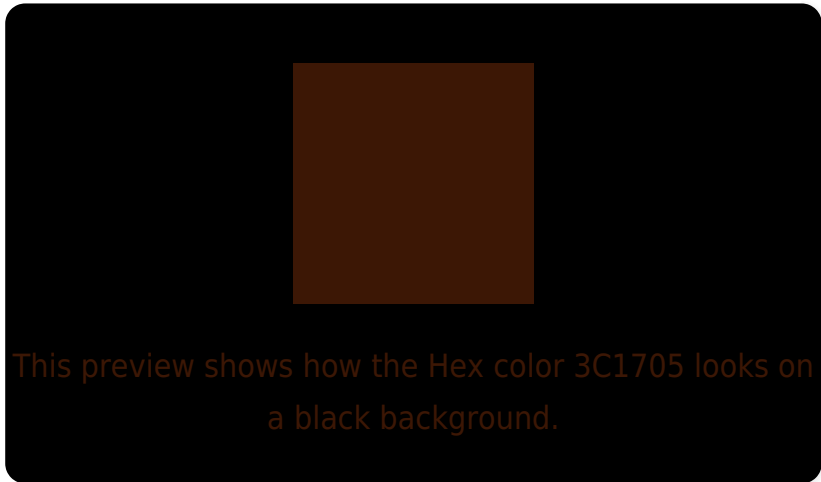
Large Text (above 18pt) WCAG AA ✓ Pass

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

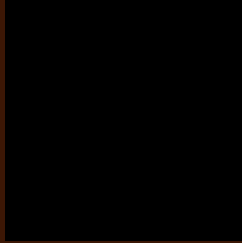
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 3C1705 Background



This preview shows how black text looks on a background with the Hex color 3C1705.

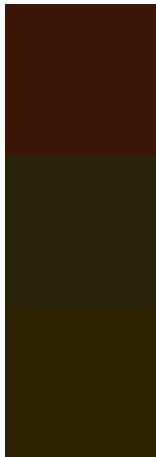


This preview shows how white text looks on a background with the Hex color 3C1705.

# 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**  
3C1705

**Protanopia**  
272308

**Deuteranopia**  
2C2100



**Tritanopia**  
3C1517

# Trichromacy



**Original Color**  
3C1705

**Protanomaly**  
2F1F07

**Deuteranomaly**  
321D02

**Tritanomaly**  
3C1610

# Monochromacy



**Original Color**  
3C1705

**Achromatopsia**  
202020

**Achromatomaly**  
2A1D16

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3C1705 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 #3C1705 looks like.

```
.text, #text, p{  
    color:#3C1705  
}
```

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 #3C1705 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C1705  
}
```

## Border

The CSS property to change the border of an element to Hex 3C1705 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  
#3C1705 }
```

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

```
.border{ border-color:#3C1705 }
```

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

Here you see how a box with a 4 pixel #3C1705 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C1705; -webkit-box-shadow:4px 4px  
4px 4px #3C1705; box-shadow:4px 4px 4px  
4px #3C1705 }
```

# Background

The CSS property to change the background color of an element to Hex 3C1705 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C1705 }
```

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

```
.background{ background-color:#3C1705 }
```

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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