

Converting Colors

Hex(B40005)

Have a look what the booklet for
Hex(B40005) contains.

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Color

Hex(B40005)

Conversions

Conversions Part 1

Format	Color
Hex	B40005
RGB	180, 0, 5
RGB Percent	71%, 0%, 2%
CMY	0.2941, 1.0000, 0.9804
CMYK	0.00, 1.00, 0.97, 0.29
HSL	358°, 100%, 35%
HSV	358°, 100%, 71%
XYZ	18.8498, 9.7143, 1.0251
YIQ	54.3900, 105.6750, 39.7150

Conversions

Conversions Part 2

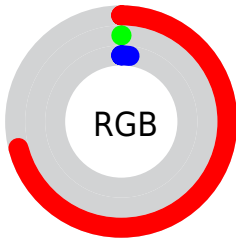
Format	Color
R_{YB}	180, 0, 5
Decimal	11796485
CIE _{Lab}	37.32, 61.73, 49.71
CIE _{LCh}	37, 79.258, 38.841
Yxy	9.7143, 0.6371, 0.3283
Android (android.graphics.Color)	4289986565 (0xFFB40005)
YUV	54.3900, -24.3493, 110.1600
Hunter-Lab	31.1677, 53.4108, 19.8673

Details

The Hex color **B40005** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **00B4AF**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **F54F36**, and **750000** is the 20% darker color. If you saturate the color by 10%, you get **B40005**, and if you desaturate by 10%, it is **B41216**.

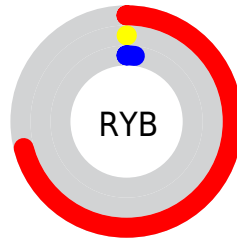
Distribution



Red (71%)

Green (0%)

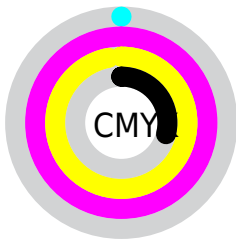
Blue (2%)



Red (71%)

Yellow (0%)

Blue (2%)

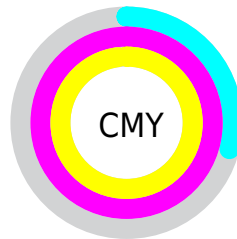


Cyan (0%)

Magenta (100%)

Yellow (97%)

Black (29%)



Cyan (29%)

Magenta (100%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color B40005 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 B40005 by changing the saturation by 10% instead.

 B40005

 B40005

 FFFFEE

 940000

 F54F36

 750000

 FF6C4E

 560001

 FF8966

 3A0002

 FFA580

 110000

 FFC29A

 000000

 FFDFB6

 FFFDD1

 B40005

 B41216

 B42428

 B4363A

 B4484B

 B45A5D

 B46C6E

 B47E80

 B49091

 B4A2A3

Harmonies

Analogous

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



C20048



B40005



8F4200

Triad

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



B40005



006E25



005BD9

Complementary

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



B40005



00B4AF

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.



006BD1



B40005



00706A

Square

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



B40005



006800



0070A8



6A3ABD

Rectangle

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



B40005



6E5500



0070A8



0062DB

Sweetspot

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



B40005



EBA4A6



AE00B4



754B4C



F5F5F5



757575

Same Dimension

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



B40005



EB0007



B45400



595051



990004



1A0001

Inverse Universe

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



B40005



EB0007



0060B4



595051



990004



1A0001

Previews

White Background



This preview shows how the Hex color B40005 looks on a white background.

Color Contrast Check

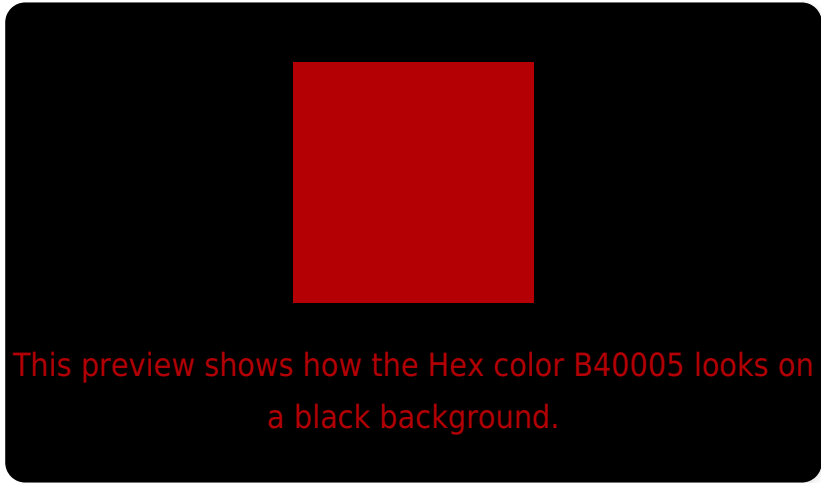
Large Text (above 18pt) WCAG AA ✓ Pass

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 B40005 Background



This preview shows how black text looks on a background with the Hex color B40005.



This preview shows how white text looks on a background with the Hex color B40005.

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
B40005

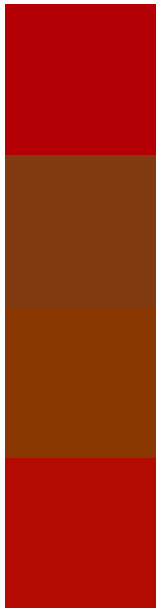
Protanopia
665B18

Deuteranopia
725600



Tritanopia
B31100

Trichromacy



Original Color
B40005

Protanomaly
823A11

Deuteranomaly
8A3702

Tritanomaly
B30B02

Monochromacy



Original Color
B40005

Achromatopsia
363636

Achromatomaly
642224

CSS Examples

Text

The CSS property to change the color of the text to Hex B40005 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 #B40005 looks like.

```
.text, #text, p{  
    color:#B40005  
}
```

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 #B40005 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B40005
}
```

Border

The CSS property to change the border of an element to Hex B40005 is called "border". The border property can be set on classes, ids or directly on the HTML element.

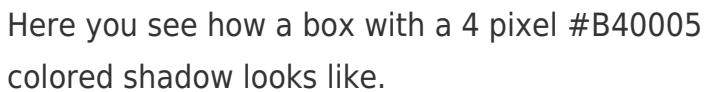
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B40005 }
```

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

```
.border{ border-color:#B40005 }
```

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



Here you see how a box with a 4 pixel #B40005 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B40005; -webkit-box-shadow:4px 4px  
4px 4px #B40005; box-shadow:4px 4px 4px  
4px #B40005 }
```

Background

The CSS property to change the background color of an element to Hex B40005 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B40005 }
```

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

```
.background{ background-color:#B40005 }
```

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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