

Converting Colors

Hex(65000C)

Have a look what the booklet for
Hex(65000C) contains.

Hex(65000C)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(65000C)

Conversions

Conversions Part 1

Format	Color
Hex	65000C
RGB	101, 0, 12
RGB Percent	40%, 0%, 5%
CMY	0.6039, 1.0000, 0.9529
CMYK	0.00, 1.00, 0.88, 0.60
HSL	353°, 100%, 20%
HSV	353°, 100%, 40%
XYZ	5.4332, 2.7932, 0.6006
YIQ	31.5670, 56.3440, 25.1440

Conversions

Conversions Part 2

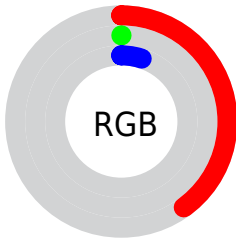
Format	Color
RYB	101, 0, 12
Decimal	6619148
CIELab	19.20, 40.90, 24.51
CIElCh	19, 47.681, 30.928
Yxy	2.7932, 0.6155, 0.3164
Android (android.graphics.Color)	4284809228 (0xFF65000C)
YUV	31.5670, -9.6465, 60.8927
Hunter-Lab	16.7130, 28.7804, 9.5684

Details

The Hex color **65000C** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **006559**, and the grayscale version is **202020**.

A 20% lighter version of the original color is **9F3B37**, and **300002** is the 20% darker color. If you saturate the color by 10%, you get **65000C**, and if you desaturate by 10%, it is **650A15**.

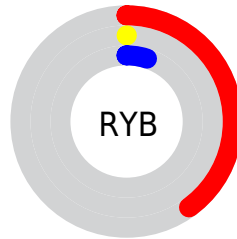
Distribution



Red (40%)

Green (0%)

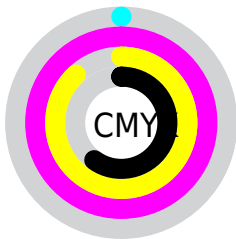
Blue (5%)



Red (40%)

Yellow (0%)

Blue (5%)

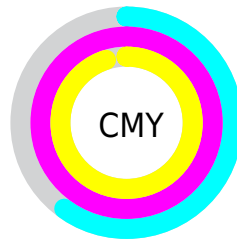


Cyan (0%)

Magenta (100%)

Yellow (88%)

Black (60%)



Cyan (60%)

Magenta (100%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 65000C 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 65000C by changing the saturation by 10% instead.

 65000C

 65000C

 FFFAEB

 490000

 9F3B37

 300002

 BC554E

 000000

 DA6F66

 F88A7F

 FFA599

 FFC1B4

 FFDDCF

 65000C

 650A15

 65141E

 651E27

 652830

 653339

 653D41

 65474A

 655153

 655B5C

Harmonies

Analogous

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



68002F



65000C



541E00

Triad

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



65000C



003A07



003375

Complementary

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



6500C



006559

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.



003A6C



65000C



003C2F

Square

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



65000C



163600



003C52



27246B

Rectangle

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



65000C



432900



003C52



003674

Sweetspot

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



65000C



825B60



580065



422A2D



C2C2C2



424242

Same Dimension

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



65000C



82000F



652500



332E2F



73000E



F2001D

Inverse Universe

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



65000C



82000F



004065



332E2F



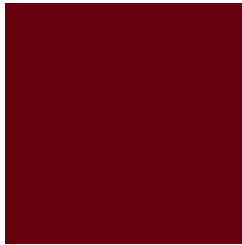
73000E



F2001D

Previews

White Background



This preview shows how the Hex color 65000C looks on a white background.

Color Contrast Check

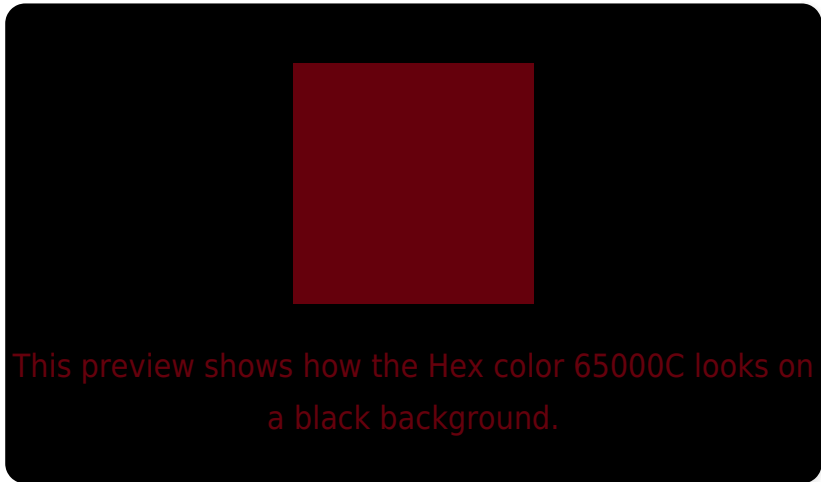
Large Text (above 18pt) WCAG AA ✓ Pass

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

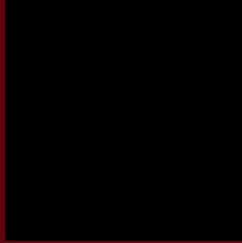
Any Text WCAG AA × Fail

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 65000C Background



This preview shows how black text looks on a background with the Hex color 65000C.



This preview shows how white text looks on a background with the Hex color 65000C.

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
65000C

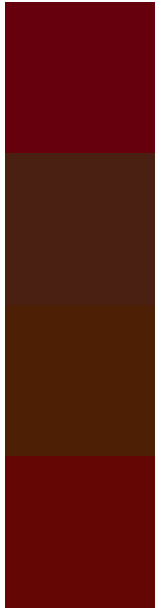
Protanopia
393315

Deuteranopia
403000



Tritanopia
640900

Trichromacy



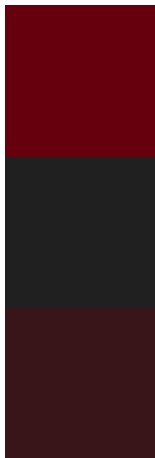
Original Color
6500C

Protanomaly
492012

Deuteranomaly
4D1F04

Tritanomaly
640604

Monochromacy



Original Color
6500C

Achromatopsia
202020

Achromatomaly
391419

CSS Examples

Text

The CSS property to change the color of the text to Hex 65000C 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 #65000C looks like.

```
.text, #text, p{  
    color:#65000C  
}
```

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 #65000C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #65000C
}
```

Border

The CSS property to change the border of an element to Hex 65000C is called "border". The border property can be set on classes, ids or directly on the HTML element.

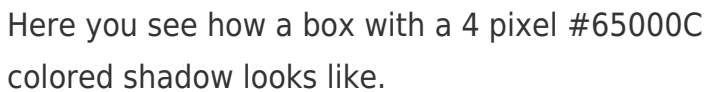
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#65000C }
```

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

```
.border{ border-color:#65000C }
```

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



Here you see how a box with a 4 pixel #65000C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #65000C; -webkit-box-shadow:4px 4px  
4px 4px #65000C; box-shadow:4px 4px 4px  
4px #65000C }
```

Background

The CSS property to change the background color of an element to Hex 65000C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#65000C }
```

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

```
.background{ background-color:#65000C }
```

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