

Converting Colors

Hex(65010B)

Have a look what the booklet for
Hex(65010B) contains.

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Color

Hex(65010B)

Conversions

Conversions Part 1

Format	Color
Hex	65010B
RGB	101, 1, 11
RGB Percent	40%, 0%, 4%
CMY	0.6039, 0.9961, 0.9569
CMYK	0.00, 0.99, 0.89, 0.60
HSL	354°, 98%, 20%
HSV	354°, 99%, 40%
XYZ	5.4381, 2.8126, 0.5729
YIQ	32.0400, 56.3900, 24.3100

Conversions

Conversions Part 2

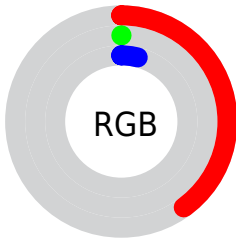
Format	Color
RYB	101, 1, 11
Decimal	6619403
CIELab	19.28, 40.61, 25.04
CIELCh	19, 47.711, 31.660
Yxy	2.8126, 0.6163, 0.3188
Android (android.graphics.Color)	4284809483 (0xFF65010B)
YUV	32.0400, -10.3727, 60.4779
Hunter-Lab	16.7707, 28.5318, 9.7142

Details

The Hex color **65010B** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **01655B**, and the grayscale version is **202020**.

A 20% lighter version of the original color is **9F3C36**, and **300002** is the 20% darker color. If you saturate the color by 10%, you get **65000A**, and if you desaturate by 10%, it is **650B14**.

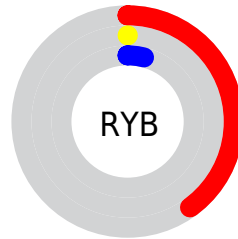
Distribution



Red (40%)

Green (0%)

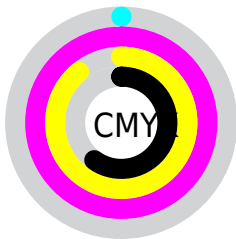
Blue (4%)



Red (40%)

Yellow (0%)

Blue (4%)

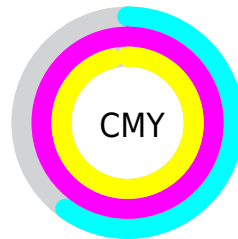


Cyan (0%)

Magenta (99%)

Yellow (89%)

Black (60%)



Cyan (60%)

Magenta (100%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 65010B 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 65010B by changing the saturation by 10% instead.

 65010B

 65010B

 FFFAEB

 490000

 9F3C36

 300002

 BC564D

 000000

 DA7065

 F88A7E

 FFA598

 FFC1B3

 FFDDCE

 65010B

 65010B

■ 65000A

■ 650B14

■ 65151D

■ 651F26

■ 65292F

■ 653438

■ 653E42

■ 65484B

■ 655254

■ 655C5D

Harmonies

Analogous

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



68002E



65010B



541F00

Triad

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



65010B



003B09



003376

Complementary

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



65010B



01655B

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.



003A6D



65010B



003C30

Square

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



65010B



153700



003D53



2A246B

Rectangle

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



65010B



432A00



003D53



003675

Sweetspot

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



65010B



825B5F



5B0165



422A2D



C2C2C2



424242

Same Dimension

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



65010B



82000D



652901



332E2E



73000B



F20018

Inverse Universe

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



65010B



82000D



013D65



332E2E



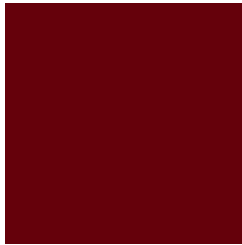
73000B



F20018

Previews

White Background



This preview shows how the Hex color 65010B looks on a white background.

Color Contrast Check

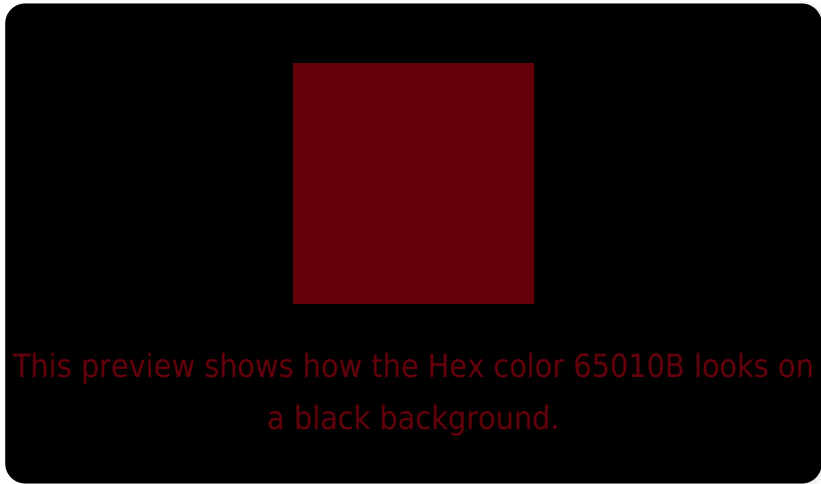
Large Text (above 18pt) WCAG AA ✓ Pass

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

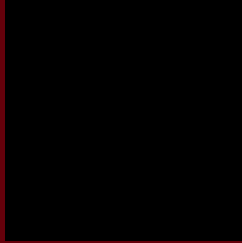
Any Text WCAG AA × Fail

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 65010B Background



This preview shows how black text looks on a background with the Hex color 65010B.



This preview shows how white text looks on a background with the Hex color 65010B.

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
65010B

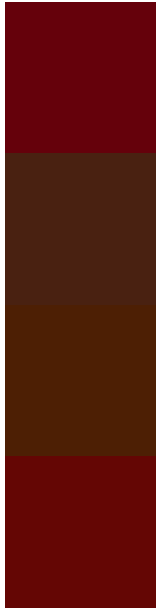
Protanopia
393314

Deuteranopia
403000



Tritanopia
640900

Trichromacy



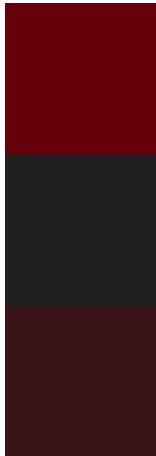
Original Color
65010B

Protanomaly
492111

Deuteranomaly
4D1F04

Tritanomaly
640604

Monochromacy



Original Color
65010B

Achromatopsia
202020

Achromatomaly
391518

CSS Examples

Text

The CSS property to change the color of the text to Hex 65010B 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 #65010B looks like.

```
.text, #text, p{  
    color:#65010B  
}
```

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 #65010B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #65010B
}
```

Border

The CSS property to change the border of an element to Hex 65010B is called "border". The border property can be set on classes, ids or directly on the HTML element.

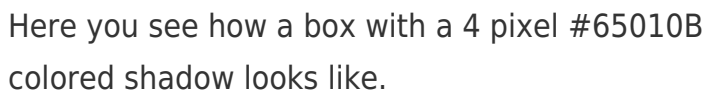
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#65010B }
```

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

```
.border{ border-color:#65010B }
```

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



Here you see how a box with a 4 pixel #65010B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #65010B; -webkit-box-shadow:4px 4px  
4px 4px #65010B; box-shadow:4px 4px 4px  
4px #65010B }
```

Background

The CSS property to change the background color of an element to Hex 65010B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#65010B }
```

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

```
.background{ background-color:#65010B }
```

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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