

Converting Colors

Hex(B10E00)

Have a look what the booklet for
Hex(B10E00) contains.

Hex(B10E00)	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(B10E00)

Conversions

Conversions Part 1

Format	Color
Hex	B10E00
RGB	177, 14, 0
RGB Percent	69%, 5%, 0%
CMY	0.3059, 0.9451, 1.0000
CMYK	0.00, 0.92, 1.00, 0.31
HSL	5°, 100%, 35%
HSV	5°, 100%, 69%
XYZ	18.2885, 9.6612, 0.9009
YIQ	61.1410, 101.6420, 30.2020

Conversions

Conversions Part 2

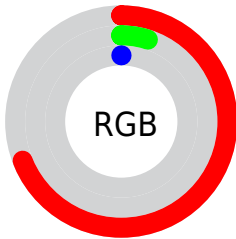
Format	Color
RYB	177, 15, 0
Decimal	11603456
CIELab	37.23, 59.23, 51.30
CIELCh	37, 78.357, 40.896
Yxy	9.6612, 0.6339, 0.3349
Android (android.graphics.Color)	4289793536 (0xFFB10E00)
YUV	61.1410, -30.1425, 101.6083
Hunter-Lab	31.0825, 50.6327, 20.0393

Details

The Hex color **B10E00** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **00A3B1**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **F15332**, and **720000** is the 20% darker color. If you saturate the color by 10%, you get **B10E00**, and if you desaturate by 10%, it is **B11E12**.

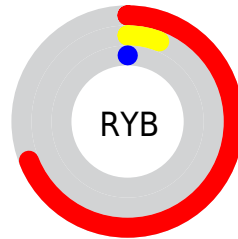
Distribution



Red (69%)

Green (5%)

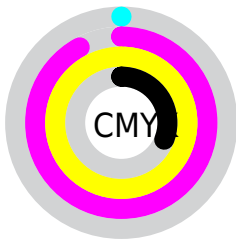
Blue (0%)



Red (69%)

Yellow (6%)

Blue (0%)

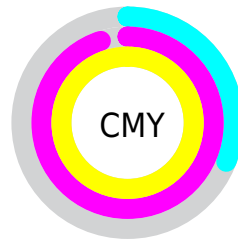


Cyan (0%)

Magenta (92%)

Yellow (100%)

Black (31%)



Cyan (31%)

Magenta (95%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color B10E00 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 B10E00 by changing the saturation by 10% instead.

 B10E00

 B10E00

 FFFFEA

 910000

 F15332

 720000

 FF6F4A

 530000

 FF8B63

 370002

 FFA87C

 0B0000

 FFC497

 000000

 FFE1B2

 FFFFCE

 B10E00

 B11E12

 B12F23

 B13F35

 B14F47

 B15F59

 B1706A

 B1807C

 B1908E

 B1A19F

Harmonies

Analogous

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



C00044



B10E00



8C4500

Triad

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



B10E00



006E2A



0059D7

Complementary

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



B10E00



00A3B1

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.



006AD1



B10E00



00706E

Square

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



B10E00



006800



0070AA



7037B9

Rectangle

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



B10E00



6A5600



0070AA



0061D9

Sweetspot

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



B10E00



E6A6A1



B100A5



734D49



F2F2F2



737373

Same Dimension

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



B10E00



E61200



B16400



595150



990C00



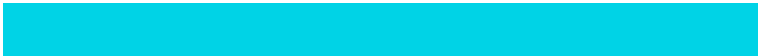
1A0200

Inverse Universe

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



00A3B1



00D3E6



004DB1



505959



008D99



00171A

Previews

White Background



This preview shows how the Hex color B10E00 looks on a white background.

Color Contrast Check

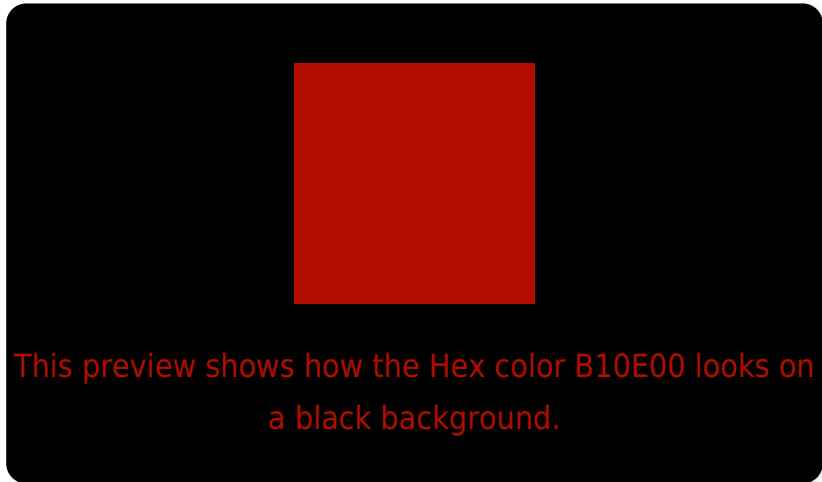
Large Text (above 18pt) WCAG AA ✓ Pass

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 B10E00 Background



This preview shows how black text looks on a background with the Hex color B10E00.



This preview shows how white text looks on a background with the Hex color B10E00.

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
B10E00

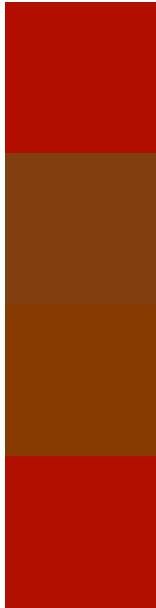
Protanopia
655A17

Deuteranopia
715500



Tritanopia
B11000

Trichromacy



Original Color
B10E00

Protanomaly
813E0F

Deuteranomaly
883B00

Tritanomaly
B10F00

Monochromacy



Original Color
B10E00

Achromatopsia
3D3D3D

Achromatomaly
672C27

CSS Examples

Text

The CSS property to change the color of the text to Hex B10E00 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 #B10E00 looks like.

```
.text, #text, p{  
    color:#B10E00  
}
```

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 #B10E00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B10E00
}
```

Border

The CSS property to change the border of an element to Hex B10E00 is called "border". The border property can be set on classes, ids or directly on the HTML element.

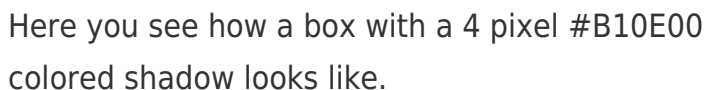
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B10E00 }
```

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

```
.border{ border-color:#B10E00 }
```

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



Here you see how a box with a 4 pixel #B10E00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B10E00; -webkit-box-shadow:4px 4px  
4px 4px #B10E00; box-shadow:4px 4px 4px  
4px #B10E00 }
```

Background

The CSS property to change the background color of an element to Hex B10E00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B10E00 }
```

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

```
.background{ background-color:#B10E00 }
```

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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