

Converting Colors

Hex(B65100)

Have a look what the booklet for
Hex(B65100) contains.

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Color

Hex(B65100)

Conversions

Conversions Part 1

Format	Color
Hex	B65100
RGB	182, 81, 0
RGB Percent	71%, 32%, 0%
CMY	0.2863, 0.6824, 1.0000
CMYK	0.00, 0.55, 1.00, 0.29
HSL	27°, 100%, 36%
HSV	27°, 100%, 71%
XYZ	22.2338, 15.8299, 1.8836
YIQ	101.9650, 86.1970, -3.7790

Conversions

Conversions Part 2

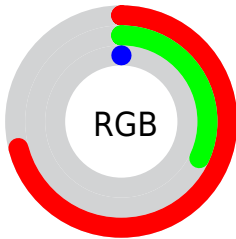
Format	Color
R_{YB}	182, 146, 0
Decimal	11948288
CIE Lab	46.75, 37.60, 56.46
CIE LCh	47, 67.839, 56.339
Yxy	15.8299, 0.5566, 0.3963
Android (android.graphics.Color)	4290138368 (0xFFB65100)
YUV	101.9650, -50.2687, 70.1907
Hunter-Lab	39.7869, 30.1230, 25.0438

Details

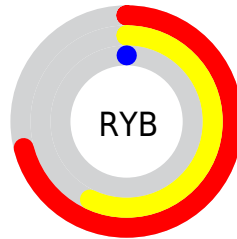
The Hex color **B65100** is a dark color, and the websafe version is hex **CC6600**. A complement of this color would be **0065B6**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **F4853B**, and **791F00** is the 20% darker color. If you saturate the color by 10%, you get **B65100**, and if you desaturate by 10%, it is **B65B12**.

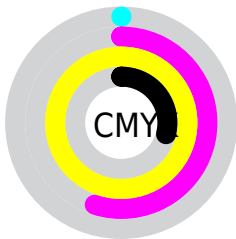
Distribution



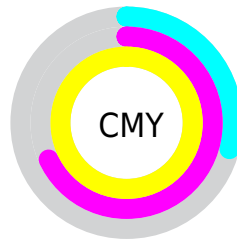
- Red (71%)
- Green (32%)
- Blue (0%)



- Red (71%)
- Yellow (57%)
- Blue (0%)



- Cyan (0%)
- Magenta (55%)
- Yellow (100%)
- Black (29%)



- Cyan (29%)
- Magenta (68%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color B65100 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 B65100 by changing the saturation by 10% instead.

 B65100

 B65100

 FFFFFFF9

 973800

 F4853B

 791F00

 FF9F55

 5C0000

 FFBB6F

 3F0000

 FFD789

 250001

 FFF4A4

 000000

 FFFFC0

 FFFFDC

 B65100

 B65B12


 B66524

 B66F37

 B67949

 B6845B

 B68E6D

 B6987F

 B6A292

 B6ACA4

Harmonies

Analogous

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



CE3240



B65100



8C6A00

Triad

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



B65100



008766



5863D6

Complementary

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



B65100



0065B6

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.



0078E2



B65100



0087A0

Square

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



B65100



008329



0084CE



AB44AF

Rectangle

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



B65100



6A7600



0084CE



066BDD

Sweetspot

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



B65100



EDC6A6



B60067



78604D



F7F7F7



787878

Same Dimension

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



B65100



ED6A00



B6AA00



5C5753



9C4500



1C0C00

Inverse Universe

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



0065B6



0084ED



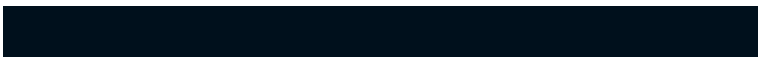
000CB6



53585C



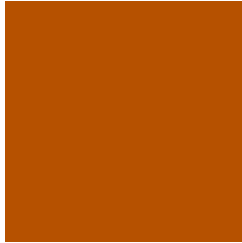
00569C



00101C

Previews

White Background



This preview shows how the Hex color B65100 looks on a white background.

Color Contrast Check

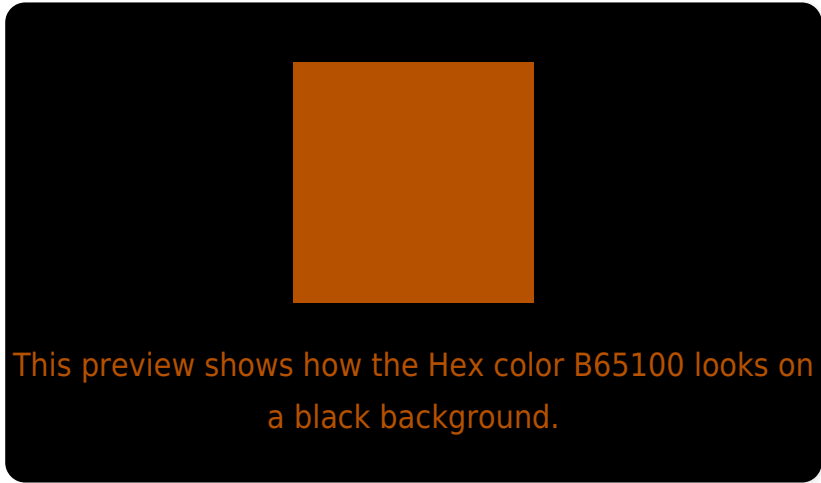
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 B65100 Background



This preview shows how black text looks on a background with the Hex color B65100.



This preview shows how white text looks on a background with the Hex color B65100.

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
B65100

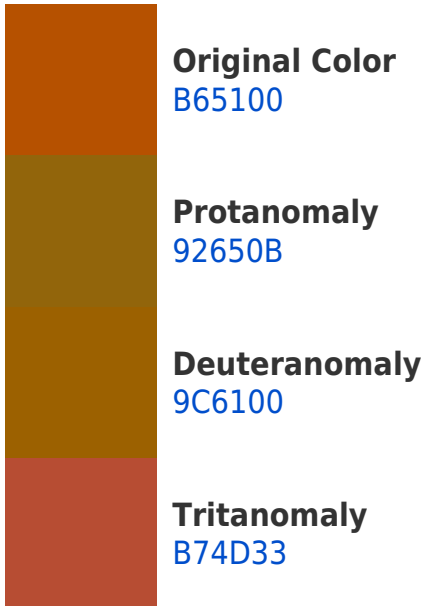
Protanopia
7E7011

Deuteranopia
8D6A00

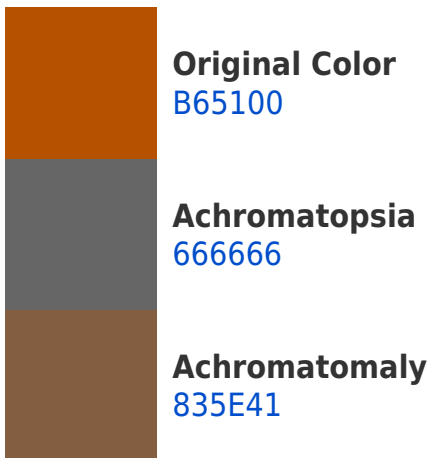


Tritanopia
B84B50

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B65100 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 #B65100 looks like.

```
.text, #text, p{  
    color:#B65100  
}
```

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 #B65100 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B65100
}
```

Border

The CSS property to change the border of an element to Hex B65100 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
#B65100 }
```

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

```
.border{ border-color:#B65100 }
```

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

Here you see how a box with a 4 pixel #B65100 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B65100; -webkit-box-shadow:4px 4px  
4px 4px #B65100; box-shadow:4px 4px 4px  
4px #B65100 }
```

Background

The CSS property to change the background color of an element to Hex B65100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B65100 }
```

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

```
.background{ background-color:#B65100 }
```

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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