

Converting Colors

Hex(BD6100)

Have a look what the booklet for
Hex(BD6100) contains.

Hex(BD6100)	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(BD6100)

Conversions

Conversions Part 1

Format	Color
Hex	BD6100
RGB	189, 97, 0
RGB Percent	74%, 38%, 0%
CMY	0.2588, 0.6196, 1.0000
CMYK	0.00, 0.49, 1.00, 0.26
HSL	31°, 100%, 37%
HSV	31°, 100%, 74%
XYZ	25.2610, 19.3682, 2.4070
YIQ	113.4500, 85.9690, -10.6630

Conversions

Conversions Part 2

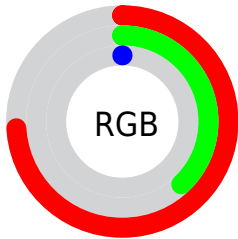
Format	Color
R_YB	179, 189, 0
Decimal	12411136
CIE Lab	51.12, 32.18, 59.58
CIE LCh	51, 67.719, 61.628
Yxy	19.3682, 0.5371, 0.4118
Android (android.graphics.Color)	4290601216 (0xFFBD6100)
YUV	113.4500, -55.9308, 66.2574
Hunter-Lab	44.0093, 25.4411, 27.5637

Details

The Hex color **BD6100** is a dark color, and the websafe version is hex **CC6600**. A complement of this color would be **005CBD**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **FB953F**, and **813000** is the 20% darker color. If you saturate the color by 10%, you get **BD6100**, and if you desaturate by 10%, it is **BD6A13**.

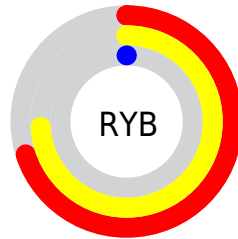
Distribution



Red (74%)

Green (38%)

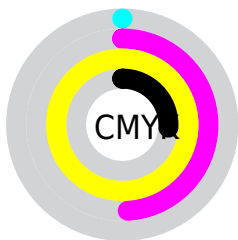
Blue (0%)



Red (70%)

Yellow (74%)

Blue (0%)

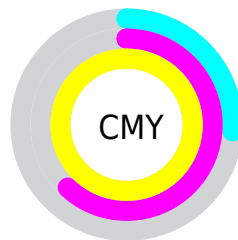


Cyan (0%)

Magenta (49%)

Yellow (100%)

Black (26%)



Cyan (26%)

Magenta (62%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color BD6100 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 BD6100 by changing the saturation by 10% instead.

 BD6100

 BD6100

FFFFFF

 9E4800

 FB953F

 813000

 FFB059

 631800

 FFCB73

 460000

 FFE88E

 2E0001

 FFFFA9

 000000

 FFFFC5

 FFFFEE

 BD6100

 BD6A13

 BD7326

 BD7D39

 BD864C

 BD8F5F

 BD9871

 BDA184

 BDAB97

 BDB4AA

Harmonies

Analogous

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



D94441



BD6100



907800

Triad

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



BD6100



00937B



7A69DD

Complementary

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



BD6100



005CBD

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.



0080EE



BD6100



0093B5

Square

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



BD6100



00903F



008EE0



C04AB2

Rectangle

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



BD6100



6B8300



008EE0



5072E6

Sweetspot

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



BD6100



F5D1AB



BD005F



7A654E



FAFAFA



7A7A7A

Same Dimension

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



BD6100



F57E00



BDBD00



5E5A55



9E5100



1F1000

Inverse Universe

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



005CBD



0077F5



0000BD



555A5E



004D9E



000F1F

Previews

White Background



This preview shows how the Hex color BD6100 looks on a white background.

Color Contrast Check

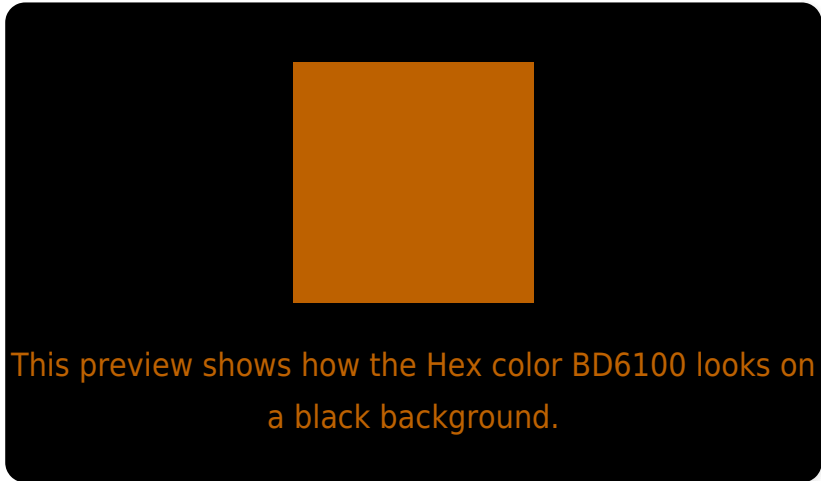
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex BD6100 Background



This preview shows how black text looks on a background with the Hex color BD6100.



This preview shows how white text looks on a background with the Hex color BD6100.

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
BD6100

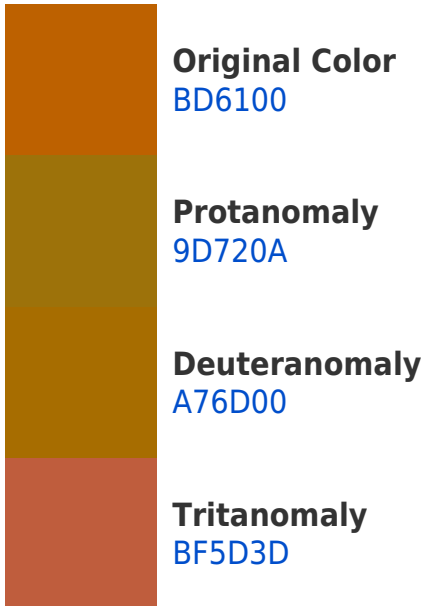
Protanopia
8A7B10

Deuteranopia
9B7400



Tritanopia
C05A60

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BD6100 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 #BD6100 looks like.

```
.text, #text, p{  
    color:#BD6100  
}
```

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 #BD6100 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD6100
}
```

Border

The CSS property to change the border of an element to Hex BD6100 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
#BD6100 }
```

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

```
.border{ border-color:#BD6100 }
```

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

Here you see how a box with a 4 pixel #BD6100 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD6100; -webkit-box-shadow:4px 4px  
4px 4px #BD6100; box-shadow:4px 4px 4px  
4px #BD6100 }
```

Background

The CSS property to change the background color of an element to Hex BD6100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD6100 }
```

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

```
.background{ background-color:#BD6100 }
```

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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