

# Converting Colors

Hex(BC6120)

Have a look what the booklet for  
Hex(BC6120) contains.

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# Color

**Hex(BC6120)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BC6120
RGB	188, 97, 32
RGB Percent	74%, 38%, 13%
CMY	0.2627, 0.6196, 0.8745
CMYK	0.00, 0.48, 0.83, 0.26
HSL	25°, 71%, 43%
HSV	25°, 83%, 74%
XYZ	25.2744, 19.3450, 3.7684
YIQ	116.7990, 75.1010, -0.9230

# Conversions

## Conversions Part 2

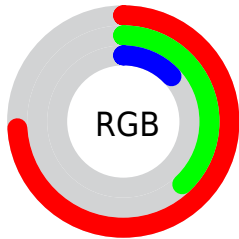
Format	Color
<a href="#">RYB</a>	<a href="#">188, 143, 32</a>
Decimal	<a href="#">12345632</a>
CIELab	<a href="#">51.09, 32.35, 50.49</a>
CIElCh	<a href="#">51, 59.969, 57.351</a>
Yxy	<a href="#">19.3450, 0.5223, 0.3998</a>
Android (android.graphics.Color)	<a href="#">4290535712</a> ( <a href="#">0xFFBC6120</a> )
YUV	<a href="#">116.7990, -41.8059, 62.4433</a>
Hunter-Lab	<a href="#">43.9830, 25.6032, 25.7083</a>

# Details

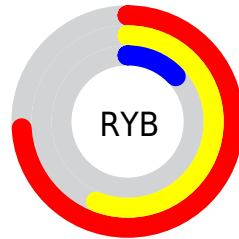
The Hex color **BC6120** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **207BBC**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **FA9552**, and **803000** is the 20% darker color. If you saturate the color by 10%, you get **BC560D**, and if you desaturate by 10%, it is **BC6C33**.

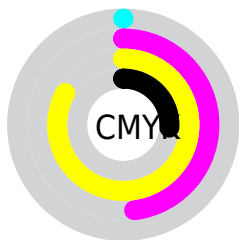
# Distribution



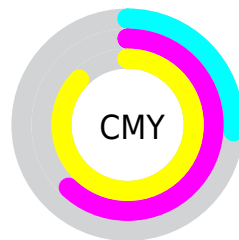
- Red (74%)
- Green (38%)
- Blue (13%)



- Red (74%)
- Yellow (56%)
- Blue (13%)



- Cyan (0%)
- Magenta (48%)
- Yellow (83%)
- Black (26%)



- Cyan (26%)
- Magenta (62%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BC6120 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 BC6120 by changing the saturation by 10% instead.



 BC6120

 BC6120

FFFFFF

 9E4802

 FA9552

 803000

 FFB06C

 631800

 FFCC86

 460000

 FFE8A1

 2E0001

 FFFFBC

 000000

 FFFFD8

 FFFFF5

 BC6120

 BC6120

 BC560D

 BC6C33

 BC4E00

 BC7746

 BC8258

 BC8D6B

 BC987E

 BCA391

 BCAEA4

 BCB9B6

 BCC4C9

# Harmonies

## Analogous

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



D24B4E



BC6120



967600

# Triad

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



BC6120



009173



6F6ED5

# Complementary

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



BC6120



207BBC

# 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.



0081E0



BC6120



0091A7

# Square

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



BC6120



008D3F



008CD0



B356B2

# Rectangle

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



BC6120



768000



008CD0



4875DC



# Sweetspot

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



BC6120



F5D1B8



BC207B



7A6556



FAFAFA



7A7A7A



# Same Dimension

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



BC6120



F56600



BCAF20



5E5955



9E4200



1F0D00

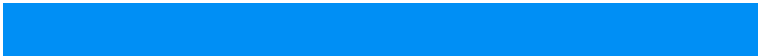


# Inverse Universe

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



207BBC



008FF5



202DBC



555A5E



005C9E



00121F



# Previews

## White Background



This preview shows how the Hex color BC6120 looks on a white background.

## Color Contrast Check

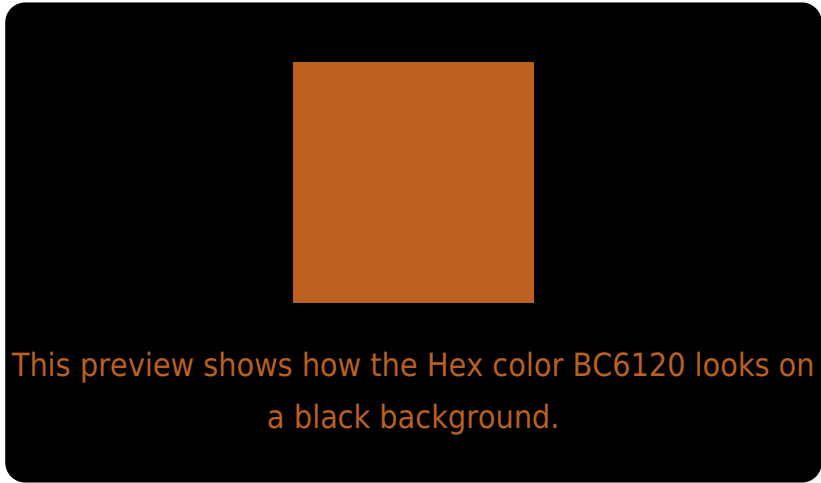
Large Text (above 18pt) WCAG AA ✓ Pass

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 BC6120 Background



This preview shows how black text looks on a background with the Hex color BC6120.



This preview shows how white text looks on a background with the Hex color BC6120.

# 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**  
BC6120

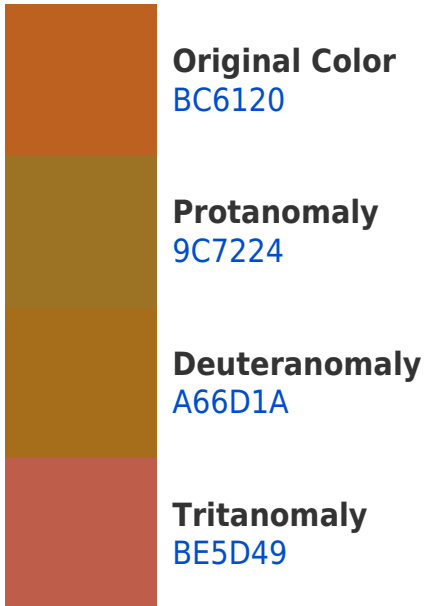
**Protanopia**  
897B27

**Deuteranopia**  
9A7417



**Tritanopia**  
BF5B61

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BC6120 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 #BC6120 looks like.

```
.text, #text, p{  
    color:#BC6120  
}
```

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 #BC6120 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BC6120
}
```

## Border

The CSS property to change the border of an element to Hex BC6120 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
#BC6120 }
```

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

```
.border{ border-color:#BC6120 }
```

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

Here you see how a box with a 4 pixel #BC6120 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BC6120; -webkit-box-shadow:4px 4px  
4px 4px #BC6120; box-shadow:4px 4px 4px  
4px #BC6120 }
```

# Background

The CSS property to change the background color of an element to Hex BC6120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BC6120 }
```

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

```
.background{ background-color:#BC6120 }
```

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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