

# Converting Colors

Hex(B0592A)

Have a look what the booklet for  
Hex(B0592A) contains.

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**Color**

**Hex(B0592A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	<a href="#">B0592A</a>
RGB	<a href="#">176, 89, 42</a>
RGB Percent	<a href="#">69%, 35%, 16%</a>
CMY	<a href="#">0.3098, 0.6510, 0.8353</a>
CMYK	<a href="#">0.00, 0.49, 0.76, 0.31</a>
HSL	<a href="#">21°, 61%, 43%</a>
HSV	<a href="#">21°, 76%, 69%</a>
XYZ	<a href="#">21.8948, 16.5420, 4.2294</a>
YIQ	<a href="#">109.6550, 66.9390, 3.8270</a>

# Conversions

## Conversions Part 2

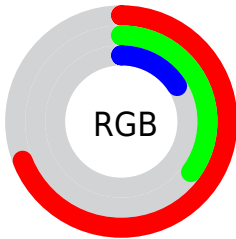
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	176, 114, 42
Decimal	11557162
CIE Lab	47.68, 32.03, 42.06
CIE LCh	48, 52.865, 52.705
Yxy	16.5420, 0.5132, 0.3877
Android (android.graphics.Color)	4289747242 (0xFFB0592A)
YUV	109.6550, -33.3539, 58.1846
Hunter-Lab	40.6719, 24.9156, 22.3048

# Details

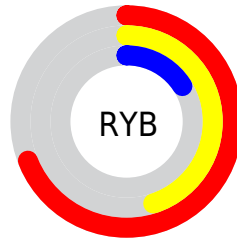
The Hex color **B0592A** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **2A81B0**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **ED8C5A**, and **752800** is the 20% darker color. If you saturate the color by 10%, you get **B04E18**, and if you desaturate by 10%, it is **B0643C**.

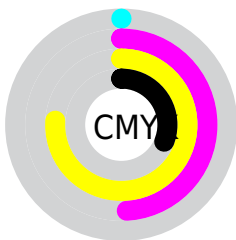
# Distribution



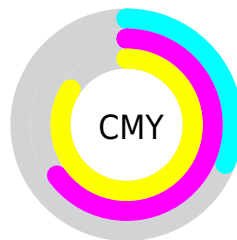
- Red (69%)
- Green (35%)
- Blue (16%)



- Red (69%)
- Yellow (45%)
- Blue (16%)



- Cyan (0%)
- Magenta (49%)
- Yellow (76%)
- Black (31%)



- Cyan (31%)
- Magenta (65%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B0592A 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 B0592A by changing the saturation by 10% instead.



 B0592A

 B0592A

FFFFFF

 924012

 ED8C5A

 752800

 FFA773

 590F00

 FFC38D

 3D0000

 FFDF A8

 240001

 FFFCC4

 000000

 FFFF E0

 FFFFFD

 B0592A

 B0592A

 B04E18

 B0643C

 B04207

 B0704D

 B03E00

 B07B5F

 B08770

 B09282

 B09E94

 B0A9A5

 B0B4B7

 B0C0C8

# Harmonies

## Analogous

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



C04851



B0592A



906B09

# Triad

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



B0592A



008564



5C6AC4

# Complementary

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



B0592A



2A81B0

# 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.



007ACA



B0592A



008692

# Square

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



B0592A



2A8138



0082B7



9C56A8

# Rectangle

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



B0592A



767508



0082B7



3770C8



# Sweetspot

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



B0592A



E6C3B1



B02A81



735E53



F2F2F2



737373



# Same Dimension

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



B0592A



E65E15



B09C2A



595350



993600



1A0900



# Inverse Universe

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



2A81B0



159CE6



2A3EB0



505659



006399



00111A



# Previews

## White Background



This preview shows how the Hex color B0592A looks on a white background.

## Color Contrast Check

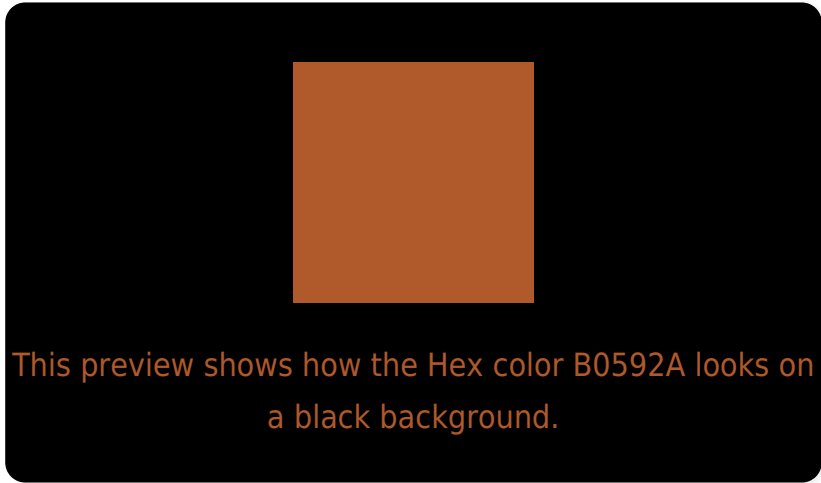
Large Text (above 18pt) WCAG AA ✓ Pass

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

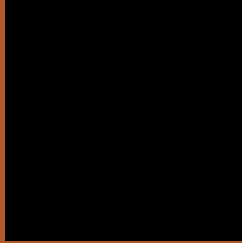
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex B0592A Background



This preview shows how black text looks on a background with the Hex color B0592A.



This preview shows how white text looks on a background with the Hex color B0592A.

# 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**  
B0592A

**Protanopia**  
7E7231

**Deuteranopia**  
8E6C24



**Tritanopia**  
B2545A

# Trichromacy



**Original Color**  
B0592A

**Protanomaly**  
90692E

**Deuteranomaly**  
9A6526

**Tritanomaly**  
B15649

# Monochromacy



**Original Color**  
B0592A

**Achromatopsia**  
6E6E6E

**Achromatomaly**  
866655

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B0592A 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 #B0592A looks like.

```
.text, #text, p{  
    color:#B0592A  
}
```

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 #B0592A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B0592A
}
```

## Border

The CSS property to change the border of an element to Hex B0592A 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
#B0592A }
```

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

```
.border{ border-color:#B0592A }
```

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

Here you see how a box with a 4 pixel #B0592A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B0592A; -webkit-box-shadow:4px 4px  
4px 4px #B0592A; box-shadow:4px 4px 4px  
4px #B0592A }
```

# Background

The CSS property to change the background color of an element to Hex B0592A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B0592A }
```

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

```
.background{ background-color:#B0592A }
```

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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