

# Converting Colors

Hex(BE2F00)

Have a look what the booklet for  
Hex(BE2F00) contains.

<b>Hex(BE2F00)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(BE2F00)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BE2F00
RGB	190, 47, 0
RGB Percent	75%, 18%, 0%
CMY	0.2549, 0.8157, 1.0000
CMYK	0.00, 0.75, 1.00, 0.25
HSL	15°, 100%, 37%
HSV	15°, 100%, 75%
XYZ	22.2517, 12.9802, 1.3326
YIQ	84.3990, 100.3150, 15.6990

# Conversions

## Conversions Part 2

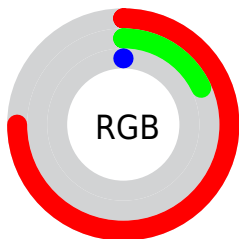
Format	Color
<a href="#">RYB</a>	<a href="#">190, 62, 0</a>
Decimal	<a href="#">12463872</a>
CIELab	<a href="#">42.73, 55.00, 55.17</a>
CIELCh	<a href="#">43, 77.905, 45.090</a>
Yxy	<a href="#">12.9802, 0.6086, 0.3550</a>
Android (android.graphics.Color)	<a href="#">4290653952 (0xFFBE2F00)</a>
YUV	<a href="#">84.3990, -41.6087, 92.6121</a>
Hunter-Lab	<a href="#">36.0280, 47.1966, 23.0266</a>

# Details

The Hex color **BE2F00** is a dark color, and the websafe version is hex **CC3300**. A complement of this color would be **008FBE**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **FE6836**, and **7F0000** is the 20% darker color. If you saturate the color by 10%, you get **BE2F00**, and if you desaturate by 10%, it is **BE3D13**.

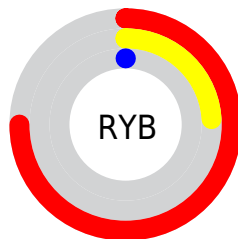
# Distribution



Red (75%)

Green (18%)

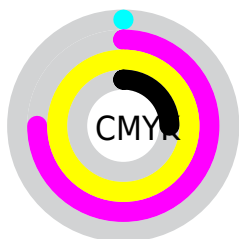
Blue (0%)



Red (75%)

Yellow (24%)

Blue (0%)

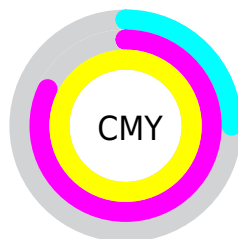


Cyan (0%)

Magenta (75%)

Yellow (100%)

Black (25%)



Cyan (25%)

Magenta (82%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BE2F00 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 BE2F00 by changing the saturation by 10% instead.



 BE2F00

 BE2F00

 FFFFF2

 9F0600

 FE6836

 7F0000

 FF834F

 600000

 FF9F69

 440001

 FFBC83

 250001

 FFD89D

 000000

 FFF6B9

 FFFF5D

 BE2F00

 BE3D13

 BE4C26

 BE5A39

 BE684C

 BE775F

 BE8572

 BE9385

 BEA198

 BEB0AB

# Harmonies

## Analogous

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



D10048



BE2F00



965600

# Triad

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



BE2F00



007D41



0063E4

# Complementary

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



BE2F00



008FBE

# 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.



0076E3



BE2F00



007F85

# Square

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



BE2F00



007800



007EC0



8C3FC1

# Rectangle

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



BE2F00



726600



007EC0



006BE8



# Sweetspot

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



BE2F00



F7C0AD



BE0092



7D5B50



FCFCFC



7D7D7D



# Same Dimension

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



BE2F00



F73D00



BE8B00



5E5755



9E2700



1F0800



# Inverse Universe

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



008FBE



00BAF7



0033BE



555C5E



00779E



00171F



# Previews

## White Background



This preview shows how the Hex color BE2F00 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 BE2F00 Background



This preview shows how black text looks on a background with the Hex color BE2F00.



This preview shows how white text looks on a background with the Hex color BE2F00.

# 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**  
BE2F00

**Protanopia**  
736616

**Deuteranopia**  
816100



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BE2F00 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 #BE2F00 looks like.

```
.text, #text, p{  
    color:#BE2F00  
}
```

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 #BE2F00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BE2F00
}
```

## Border

The CSS property to change the border of an element to Hex BE2F00 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
#BE2F00 }
```

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

```
.border{ border-color:#BE2F00 }
```

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

Here you see how a box with a 4 pixel #BE2F00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BE2F00; -webkit-box-shadow:4px 4px  
4px 4px #BE2F00; box-shadow:4px 4px 4px  
4px #BE2F00 }
```

# Background

The CSS property to change the background color of an element to Hex BE2F00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BE2F00 }
```

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

```
.background{ background-color:#BE2F00 }
```

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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