

# Converting Colors

Hex(BE2507)

Have a look what the booklet for  
Hex(BE2507) contains.

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# Color

**Hex(BE2507)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BE2507
RGB	190, 37, 7
RGB Percent	75%, 15%, 3%
CMY	0.2549, 0.8549, 0.9725
CMYK	0.00, 0.81, 0.96, 0.25
HSL	10°, 93%, 39%
HSV	10°, 96%, 75%
XYZ	21.9351, 12.2856, 1.4163
YIQ	79.3270, 100.8180, 23.1060

# Conversions

## Conversions Part 2

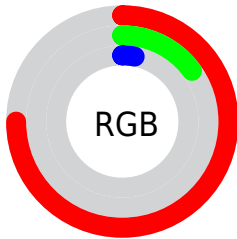
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	190, 43, 7
Decimal	12461319
CIE <sub>Lab</sub>	41.67, 58.13, 52.39
CIE <sub>LCh</sub>	42, 78.255, 42.027
Yxy	12.2856, 0.6155, 0.3447
Android (android.graphics.Color)	4290651399 (0xFFBE2507)
YUV	79.3270, -35.6572, 97.0602
Hunter-Lab	35.0509, 50.3678, 22.1399

# Details

The Hex color **BE2507** is a dark color, and the websafe version is hex **CC3300**. A complement of this color would be **07A0BE**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **FF613A**, and **7F0000** is the 20% darker color. If you saturate the color by 10%, you get **BE1F00**, and if you desaturate by 10%, it is **BE351A**.

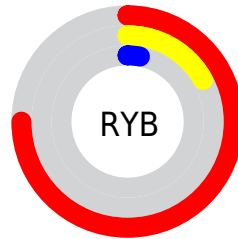
# Distribution



Red (75%)

Green (15%)

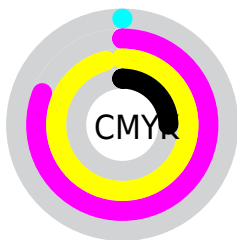
Blue (3%)



Red (75%)

Yellow (17%)

Blue (3%)

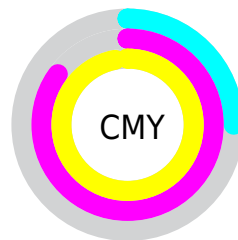


Cyan (0%)

Magenta (81%)

Yellow (96%)

Black (25%)



Cyan (25%)

Magenta (85%)

Yellow (97%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BE2507 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 BE2507 by changing the saturation by 10% instead.



 BE2507

 BE2507

 FFFFF5

 9E0000

 FF613A

 7F0000

 FF7D53

 600000

 FF996C

 430002

 FFB586

 240001

 FFD2A0

 000000

 FFF0BC

 FFFFD8

 BE2507

 BE2507

■ BE1F00

■ BE351A

■ BE452D

■ BE5540

■ BE6553

■ BE7466

■ BE8479

■ BE948C

■ BEA49F

■ BEB4B2

# Harmonies

## Analogous

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



CE004C



BE2507



975000

# Triad

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



BE2507



007A37



0063E3

# Complementary

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



BE2507



07A0BE

# 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.



0075DF



BE2507



007C7C

# Square

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



BE2507



007400



007BB8



8040C4

# Rectangle

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



BE2507



756200



007BB8



006AE6



# Sweetspot

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



BE2507



F7BBB0



BE07A3



7D5851



FCFCFC



7D7D7D



# Same Dimension

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



BE2507



F72900



BE7E07



5E5655



9E1A00



1F0500

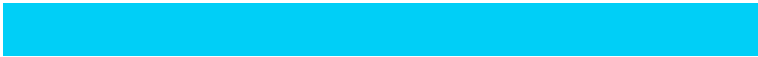


# Inverse Universe

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



07A0BE



00CFF7



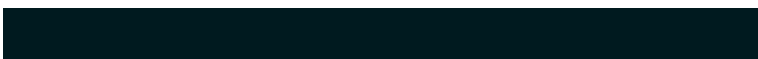
0747BE



555D5E



00849E



001A1F



# Previews

## White Background



This preview shows how the Hex color BE2507 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 BE2507 Background



This preview shows how black text looks on a background with the Hex color BE2507.



This preview shows how white text looks on a background with the Hex color BE2507.

# 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**  
BE2507

**Protanopia**  
706418

**Deuteranopia**  
7D5F00



# Trichromacy



**Original Color**  
BE2507

**Protanomaly**  
8C4D12

**Deuteranomaly**  
954A03

**Tritanomaly**  
BE2418

# Monochromacy



**Original Color**  
BE2507

**Achromatopsia**  
4F4F4F

**Achromatomaly**  
774035

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BE2507 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 #BE2507 looks like.

```
.text, #text, p{  
    color:#BE2507  
}
```

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 #BE2507 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BE2507
}
```

## Border

The CSS property to change the border of an element to Hex BE2507 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".

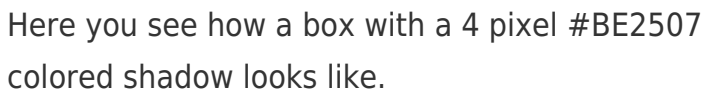
```
.border, #border, table{ border:4px solid
#BE2507 }
```

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

```
.border{ border-color:#BE2507 }
```

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

Here you see how a box with a 4 pixel #BE2507 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BE2507; -webkit-box-shadow:4px 4px  
4px 4px #BE2507; box-shadow:4px 4px 4px  
4px #BE2507 }
```

# Background

The CSS property to change the background color of an element to Hex BE2507 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BE2507 }
```

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

```
.background{ background-color:#BE2507 }
```

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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