

Converting Colors

Hex(BD2500)

Have a look what the booklet for
Hex(BD2500) contains.

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Color

Hex(BD2500)

Conversions

Conversions Part 1

Format	Color
Hex	BD2500
RGB	189, 37, 0
RGB Percent	74%, 15%, 0%
CMY	0.2588, 0.8549, 1.0000
CMYK	0.00, 0.80, 1.00, 0.26
HSL	12°, 100%, 37%
HSV	12°, 100%, 74%
XYZ	21.6478, 12.1420, 1.2027
YIQ	78.2300, 102.4690, 20.7170

Conversions

Conversions Part 2

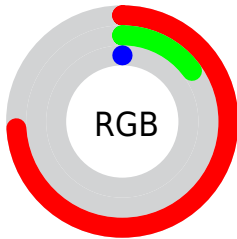
Format	Color
R _Y B	189, 46, 0
Decimal	12395776
CIE Lab	41.44, 57.76, 54.50
CIE LCh	41, 79.409, 43.335
Yxy	12.1420, 0.6186, 0.3470
Android (android.graphics.Color)	4290585856 (0xFFBD2500)
YUV	78.2300, -38.5674, 97.1453
Hunter-Lab	34.8453, 49.9148, 22.3454

Details

The Hex color **BD2500** is a dark color, and the websafe version is hex **CC3300**. A complement of this color would be **0098BD**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **FE6135**, and **7E0000** is the 20% darker color. If you saturate the color by 10%, you get **BD2500**, and if you desaturate by 10%, it is **BD3413**.

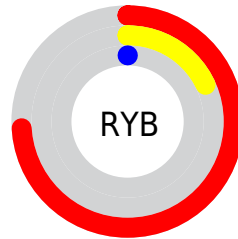
Distribution



Red (74%)

Green (15%)

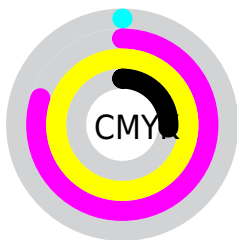
Blue (0%)



Red (74%)

Yellow (18%)

Blue (0%)

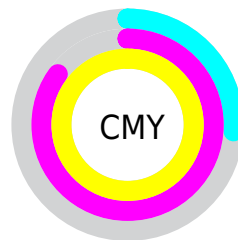


Cyan (0%)

Magenta (80%)

Yellow (100%)

Black (26%)



Cyan (26%)

Magenta (85%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color BD2500 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 BD2500 by changing the saturation by 10% instead.

 BD2500

 BD2500

 FFFFFFF0

 9D0000

 FE6135

 7E0000

 FF7D4E

 5F0000

 FF9967

 430002

 FFB581

 230001

 FFD29C

 000000

 FFEFB7

 FFFFD3

 BD2500

 BD3413

 BD4326

 BD5339

 BD624C

 BD715F

 BD8071

 BD8F84

 BD9F97

 BDAEAA

Harmonies

Analogous

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



CF0048



BD2500



955100

Triad

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



BD2500



007A39



0061E3

Complementary

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



BD2500



0098BD

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.



0074E1



BD2500



007C7E

Square

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



BD2500



007400



007BBB



843DC2

Rectangle

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



BD2500



726200



007BBB



0069E7

Sweetspot

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



BD2500



F5BAAB



BD009A



7A574E



FAFAFA



7A7A7A

Same Dimension

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



BD2500



F53000



BD8100



5E5755



9E1F00



1F0600

Inverse Universe

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



0098BD



00C5F5



003CBD



555D5E



007F9E



00191F

Previews

White Background



This preview shows how the Hex color BD2500 looks on a white background.

Color Contrast Check

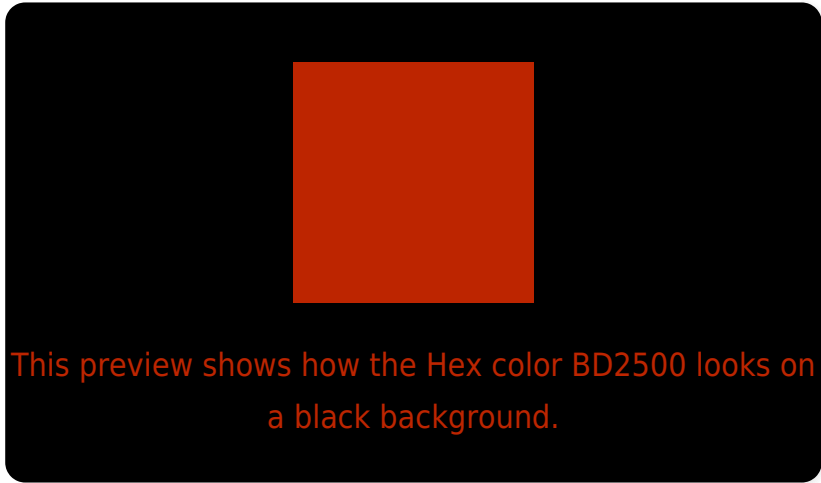
Large Text (above 18pt) WCAG AA ✓ Pass

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 BD2500 Background



This preview shows how black text looks on a background with the Hex color BD2500.



This preview shows how white text looks on a background with the Hex color BD2500.

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

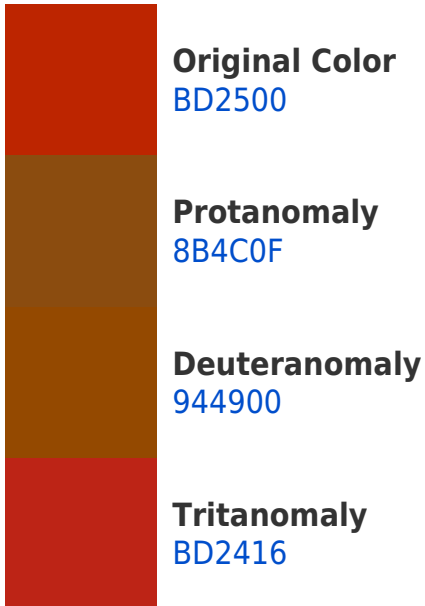


Original Color
BD2500

Protanopia
6F6317

Deuteranopia
7D5E00

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BD2500 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 #BD2500 looks like.

```
.text, #text, p{  
    color:#BD2500  
}
```

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 #BD2500 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BD2500  
}
```

Border

The CSS property to change the border of an element to Hex BD2500 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".

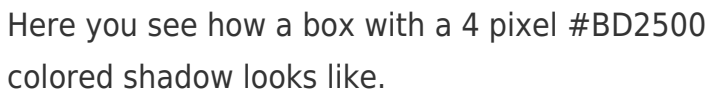
```
.border, #border, table{ border:4px solid  
#BD2500 }
```

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

```
.border{ border-color:#BD2500 }
```

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

Here you see how a box with a 4 pixel #BD2500 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BD2500; -webkit-box-shadow:4px 4px  
4px 4px #BD2500; box-shadow:4px 4px 4px  
4px #BD2500 }
```

Background

The CSS property to change the background color of an element to Hex BD2500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BD2500 }
```

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

```
.background{ background-color:#BD2500 }
```

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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