

# Converting Colors

Hex(B25900)

Have a look what the booklet for  
Hex(B25900) contains.

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**Color**

**Hex(B25900)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B25900
RGB	178, 89, 0
RGB Percent	70%, 35%, 0%
CMY	0.3020, 0.6510, 1.0000
CMYK	0.00, 0.50, 1.00, 0.30
HSL	30°, 100%, 35%
HSV	30°, 100%, 70%
XYZ	21.9325, 16.6097, 2.0500
YIQ	105.4650, 81.6130, -8.8110

# Conversions

## Conversions Part 2

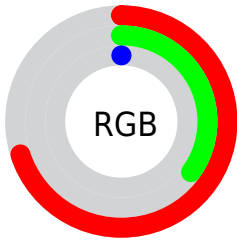
Format	Color
R <sub>Y</sub> B	178, 178, 0
Decimal	11688192
CIE Lab	47.76, 31.83, 56.73
CIE LCh	48, 65.053, 60.702
Yxy	16.6097, 0.5403, 0.4092
Android (android.graphics.Color)	4289878272 (0xFFB25900)
YUV	105.4650, -51.9942, 63.6132
Hunter-Lab	40.7550, 24.7391, 25.5462

# Details

The Hex color **B25900** is a dark color, and the websafe version is hex **CC6600**. A complement of this color would be **0059B2**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **F08C3C**, and **762900** is the 20% darker color. If you saturate the color by 10%, you get **B25900**, and if you desaturate by 10%, it is **B26212**.

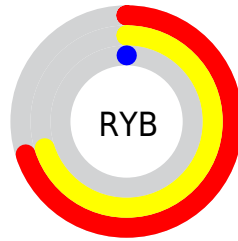
# Distribution



Red (70%)

Green (35%)

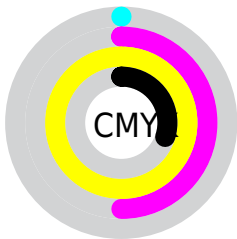
Blue (0%)



Red (70%)

Yellow (70%)

Blue (0%)

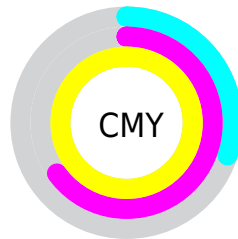


Cyan (0%)

Magenta (50%)

Yellow (100%)

Black (30%)



Cyan (30%)

Magenta (65%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B25900 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 B25900 by changing the saturation by 10% instead.



 B25900

 B25900

 FFFFFB

 944100

 F08C3C

 762900

 FFA756

 591000

 FFC370

 3D0000

 FFDF8B

 240001

 FFFBA6

 000000

 FFFF C2

 FFFF DE

 B25900

 B26212

 B26B24

 B27435

 B27D47

 B28559

 B28E6B

 B2977D

 B2A08E

 B2A9A0

# Harmonies

## Analogous

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



CC3E3D



B25900



886F00

# Triad

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



B25900



008971



6E62D1

# Complementary

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



B25900



0059B2

# 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.



0078E0



B25900



0089A8

# Square

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



B25900



008638



0084D1



B345A8

# Rectangle

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



B25900



657A00



0084D1



446AD9



# Sweetspot

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



B25900



E8C5A2



B20059



75604B



F5F5F5



757575



# Same Dimension

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



B25900



E87400



B2B200



595550



994D00



1A0D00



# Inverse Universe

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



0059B2



0074E8



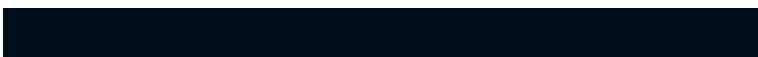
0000B2



505559



004D99



000D1A



# Previews

## White Background



This preview shows how the Hex color B25900 looks on a white background.

## Color Contrast Check

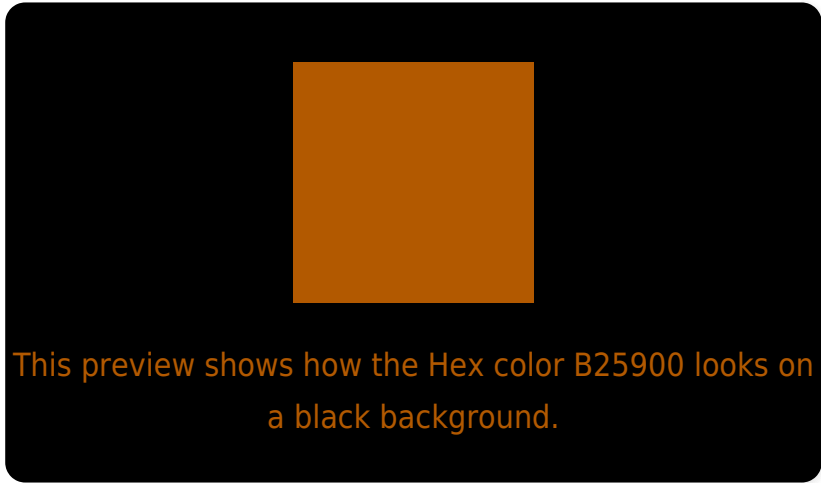
Large Text (above 18pt) WCAG AA ✓ Pass

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 B25900 Background



This preview shows how black text looks on a background with the Hex color B25900.



This preview shows how white text looks on a background with the Hex color B25900.

# 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**  
B25900

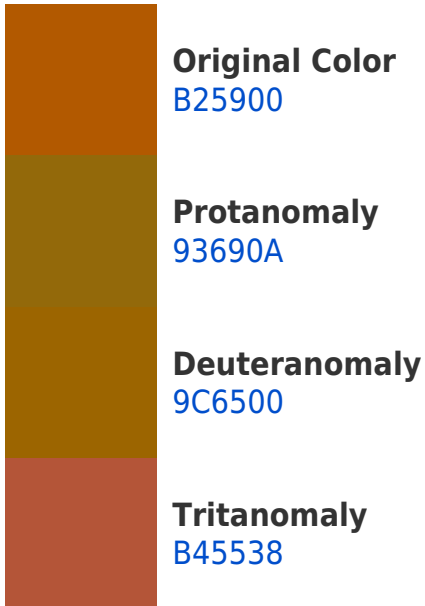
**Protanopia**  
817210

**Deuteranopia**  
906C00

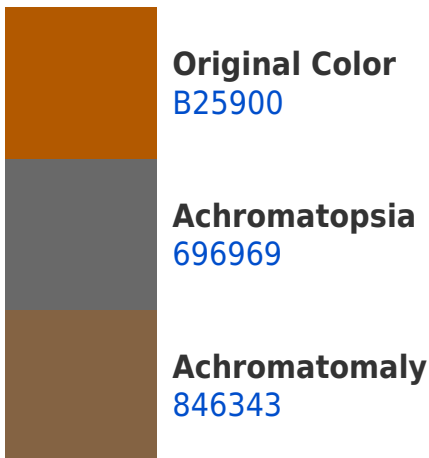


**Tritanopia**  
B55358

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B25900 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 #B25900 looks like.

```
.text, #text, p{  
    color:#B25900  
}
```

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 #B25900 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B25900
}
```

## Border

The CSS property to change the border of an element to Hex B25900 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
#B25900 }
```

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

```
.border{ border-color:#B25900 }
```

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

Here you see how a box with a 4 pixel #B25900 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B25900; -webkit-box-shadow:4px 4px  
4px 4px #B25900; box-shadow:4px 4px 4px  
4px #B25900 }
```

# Background

The CSS property to change the background color of an element to Hex B25900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B25900 }
```

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

```
.background{ background-color:#B25900 }
```

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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