

# Converting Colors

Hex(B25600)

Have a look what the booklet for  
Hex(B25600) contains.

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**Color**

**Hex(B25600)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B25600
RGB	178, 86, 0
RGB Percent	70%, 34%, 0%
CMY	0.3020, 0.6627, 1.0000
CMYK	0.00, 0.52, 1.00, 0.30
HSL	29°, 100%, 35%
HSV	29°, 100%, 70%
XYZ	21.6879, 16.1206, 1.9685
YIQ	103.7040, 82.4380, -7.2420

# Conversions

## Conversions Part 2

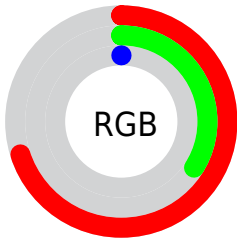
Format	Color
<b>RYB</b>	178, 166, 0
Decimal	11687424
CIELab	47.13, 33.41, 56.36
CIELCh	47, 65.519, 59.336
Yxy	16.1206, 0.5452, 0.4053
Android (android.graphics.Color)	4289877504 (0xFFB25600)
YUV	103.7040, -51.1261, 65.1576
Hunter-Lab	40.1504, 26.1564, 25.1984

# Details

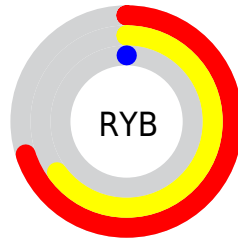
The Hex color **B25600** is a dark color, and the websafe version is hex **CC6600**. A complement of this color would be **005CB2**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **F0893C**, and **762500** is the 20% darker color. If you saturate the color by 10%, you get **B25600**, and if you desaturate by 10%, it is **B25F12**.

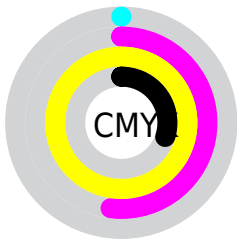
# Distribution



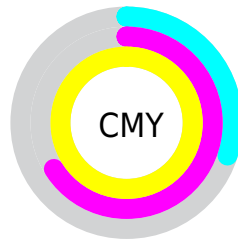
- Red (70%)
- Green (34%)
- Blue (0%)



- Red (70%)
- Yellow (65%)
- Blue (0%)



- Cyan (0%)
- Magenta (52%)
- Yellow (100%)
- Black (30%)



- Cyan (30%)
- Magenta (66%)
- Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B25600 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 B25600 by changing the saturation by 10% instead.



 B25600

 B25600

 FFFFFFFA

 943D00

 F0893C

 762500

 FFA456

 590B00

 FFBF70

 3D0000

 FFDC8A

 230001

 FFF8A5

 000000

 FFFFC1

 FFFFDD

 B25600

 B25F12

 B26824

 B27235

 B27B47

 B28459

 B28D6B

 B2967D

 B2A08E

 B2A9A0

# Harmonies

## Analogous

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



CC3A3D



B25600



886D00

# Triad

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



B25600



00886D



6761D1

# Complementary

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



B25600



005CB2

# 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.



0077DF



B25600



0088A5

# Square

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



B25600



008433



0083CF



AF44A9

# Rectangle

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



B25600



667800



0083CF



386AD9



# Sweetspot

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



B25600



E8C4A2



B2005F



755F4B



F5F5F5



757575



# Same Dimension

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



B25600



E87000



B2AC00



595550



994A00



1A0C00



# Inverse Universe

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



005CB2



0078E8



0006B2



505559



004F99



000D1A



# Previews

## White Background



This preview shows how the Hex color B25600 looks on a white background.

## Color Contrast Check

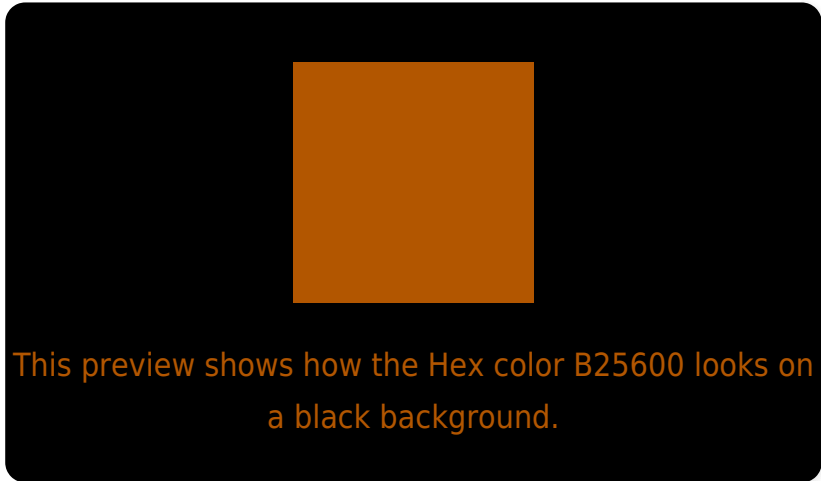
Large Text (above 18pt) WCAG AA ✓ Pass

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 B25600 Background



This preview shows how black text looks on a background with the Hex color B25600.



This preview shows how white text looks on a background with the Hex color B25600.

# 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



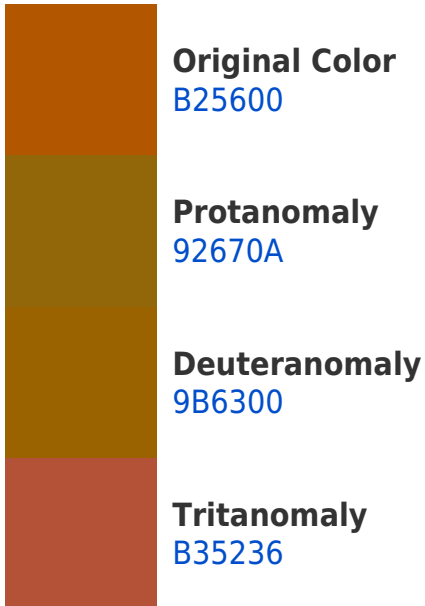
**Original Color**  
B25600

**Protanopia**  
7F7110

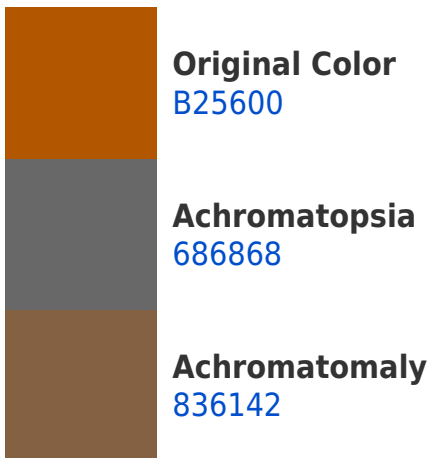
**Deuteranopia**  
8E6B00



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B25600 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 #B25600 looks like.

```
.text, #text, p{  
    color:#B25600  
}
```

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 #B25600 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B25600
}
```

## Border

The CSS property to change the border of an element to Hex B25600 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
#B25600 }
```

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

```
.border{ border-color:#B25600 }
```

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

Here you see how a box with a 4 pixel #B25600 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B25600; -webkit-box-shadow:4px 4px  
4px 4px #B25600; box-shadow:4px 4px 4px  
4px #B25600 }
```

# Background

The CSS property to change the background color of an element to Hex B25600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B25600 }
```

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

```
.background{ background-color:#B25600 }
```

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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