

# Converting Colors

Hex(A25B00)

Have a look what the booklet for  
Hex(A25B00) contains.

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**Color**

**Hex(A25B00)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A25B00
RGB	162, 91, 0
RGB Percent	64%, 36%, 0%
CMY	0.3647, 0.6431, 1.0000
CMYK	0.00, 0.44, 1.00, 0.36
HSL	34°, 100%, 32%
HSV	34°, 100%, 64%
XYZ	18.6414, 15.1636, 1.9444
YIQ	101.8550, 71.5270, -13.2490

# Conversions

## Conversions Part 2

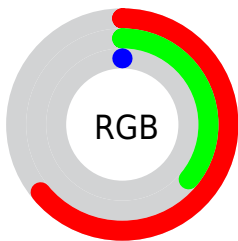
Format	Color
<a href="#">RYB</a>	126, 162, 0
Decimal	10640128
CIELab	45.86, 23.88, 54.37
CIELCh	46, 59.386, 66.294
Yxy	15.1636, 0.5214, 0.4242
Android (android.graphics.Color)	4288830208 (0xFFA25B00)
YUV	101.8550, -50.2145, 52.7472
Hunter-Lab	38.9404, 17.3050, 24.2978

# Details

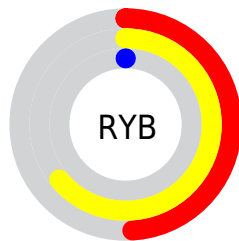
The Hex color **A25B00** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **0047A2**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **DE8E3C**, and **682C00** is the 20% darker color. If you saturate the color by 10%, you get **A25B00**, and if you desaturate by 10%, it is **A26210**.

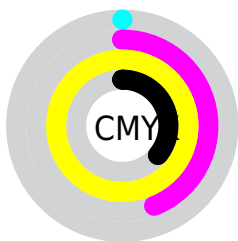
# Distribution



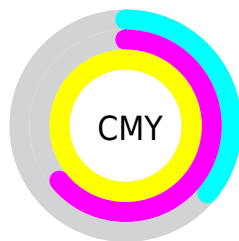
- Red (64%)
- Green (36%)
- Blue (0%)



- Red (49%)
- Yellow (64%)
- Blue (0%)



- Cyan (0%)
- Magenta (44%)
- Yellow (100%)
- Black (36%)



- Cyan (36%)
- Magenta (64%)
- Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A25B00 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 A25B00 by changing the saturation by 10% instead.



 A25B00

 A25B00

 FFFFFA

 854300

 DE8E3C

 682C00

 FDA855

 4C1600

 FFC46F

 310000

 FFE08A

 0F0000

 FFFCA5

 000000

 FFFFC1

 FFFFDD

 A25B00

 A26210

 A26920

 A27031

 A27741

 A27F51

 A28661

 A28D71

 A29482

 A29B92

# Harmonies

## Analogous

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



BD4434



A25B00



7A6E00

# Triad

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



A25B00



008376



7A5ABD

# Complementary

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



A25B00



0047A2

# 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.



006FD0



A25B00



0082A6

# Square

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



A25B00



008042



007CC8



AF4196

# Rectangle

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



A25B00



587700



007CC8



5D62C6



# Sweetspot

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



A25B00



D4B894



A20049



6B5A45



EBEBEB



6B6B6B



# Same Dimension

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



A25B00



D47700



9AA200



524E49



915200



120A00



# Inverse Universe

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



0047A2



005DD4



0800A2



494D52



004091

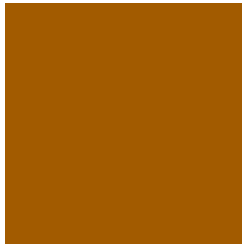


000812



# Previews

## White Background



This preview shows how the Hex color A25B00 looks on a white background.

## Color Contrast Check

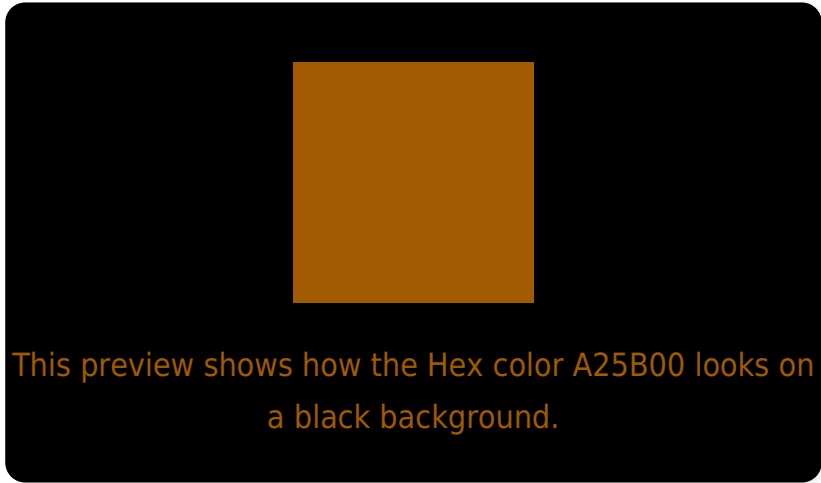
Large Text (above 18pt) WCAG AA ✓ Pass

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 A25B00 Background



This preview shows how black text looks on a background with the Hex color A25B00.



This preview shows how white text looks on a background with the Hex color A25B00.

# 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**  
A25B00

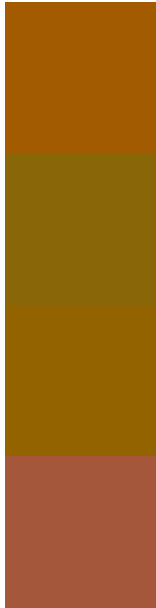
**Protanopia**  
7B6E0D

**Deuteranopia**  
8A6800



**Tritanopia**  
A5555B

# Trichromacy



**Original Color**  
A25B00

**Protanomaly**  
896708

**Deuteranomaly**  
936300

**Tritanomaly**  
A4573A

# Monochromacy



**Original Color**  
A25B00

**Achromatopsia**  
666666

**Achromatomaly**  
7C6241

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A25B00 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 #A25B00 looks like.

```
.text, #text, p{  
    color:#A25B00  
}
```

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 #A25B00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A25B00
}
```

## Border

The CSS property to change the border of an element to Hex A25B00 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
#A25B00 }
```

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

```
.border{ border-color:#A25B00 }
```

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

Here you see how a box with a 4 pixel #A25B00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A25B00; -webkit-box-shadow:4px 4px  
4px 4px #A25B00; box-shadow:4px 4px 4px  
4px #A25B00 }
```

# Background

The CSS property to change the background color of an element to Hex A25B00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A25B00 }
```

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

```
.background{ background-color:#A25B00 }
```

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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