

# Converting Colors

Hex(A45B27)

Have a look what the booklet for  
Hex(A45B27) contains.

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**Color**

**Hex(A45B27)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A45B27
RGB	164, 91, 39
RGB Percent	64%, 36%, 15%
CMY	0.3569, 0.6431, 0.8471
CMYK	0.00, 0.45, 0.76, 0.36
HSL	25°, 62%, 40%
HSV	25°, 76%, 64%
XYZ	19.4171, 15.5212, 3.8919
YIQ	106.8990, 60.2000, -0.6960

# Conversions

## Conversions Part 2

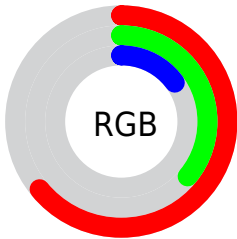
Format	Color
<a href="#">RYB</a>	<a href="#">164, 128, 39</a>
Decimal	<a href="#">10771239</a>
CIELab	<a href="#">46.34, 25.77, 41.60</a>
CIELCh	<a href="#">46, 48.936, 58.222</a>
Yxy	<a href="#">15.5212, 0.5001, 0.3997</a>
Android (android.graphics.Color)	<a href="#">4288961319</a> ( <a href="#">0xFFA45B27</a> )
YUV	<a href="#">106.8990, -33.4742, 50.0776</a>
Hunter-Lab	<a href="#">39.3969, 19.0308, 21.7207</a>

# Details

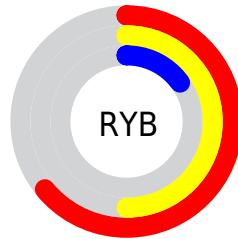
The Hex color **A45B27** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **2770A4**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **DF8E57**, and **6B2C00** is the 20% darker color. If you saturate the color by 10%, you get **A45117**, and if you desaturate by 10%, it is **A46537**.

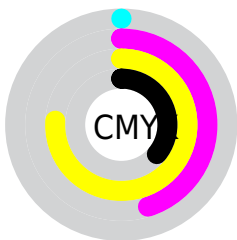
# Distribution



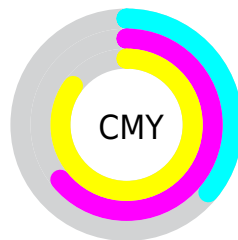
- Red (64%)
- Green (36%)
- Blue (15%)



- Red (64%)
- Yellow (50%)
- Blue (15%)



- Cyan (0%)
- Magenta (45%)
- Yellow (76%)
- Black (36%)



- Cyan (36%)
- Magenta (64%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A45B27 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 A45B27 by changing the saturation by 10% instead.



 A45B27

 A45B27

FFFFFF

 87430E

 DF8E57

 6B2C00

 FEA970

 4F1500

 FFC48A

 340000

 FFE0A5

 160000

 FFFDC1

 000000

 FFFFDD

 FFFFFA

 A45B27

 A45B27

 A45117

 A46537

 A44806

 A46E48

 A44400

 A47858

 A48169

 A48B79

 A49489

 A49E9A

 A4A8AA

 A4B1BB

# Harmonies

## Analogous

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



B64B49



A45B27



856B11

# Triad

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



A45B27



00816A



6964B6

# Complementary

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



A45B27



2770A4

# 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.



0073C0



A45B27



008193

# Square

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



A45B27



1E7E40



007DB3



9D529A

# Rectangle

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



A45B27



6B7316



007DB3



4F6ABC



# Sweetspot

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



A45B27



D6B9A5



A42772



6B5A4D



EBEBEB



6B6B6B



# Same Dimension

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



A45B27



D66413



A49727



524D49



913C00



120700



# Inverse Universe

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



2770A4



1385D6



2733A4



494E52



005591



000A12



# Previews

## White Background



This preview shows how the Hex color A45B27 looks on a white background.

## Color Contrast Check

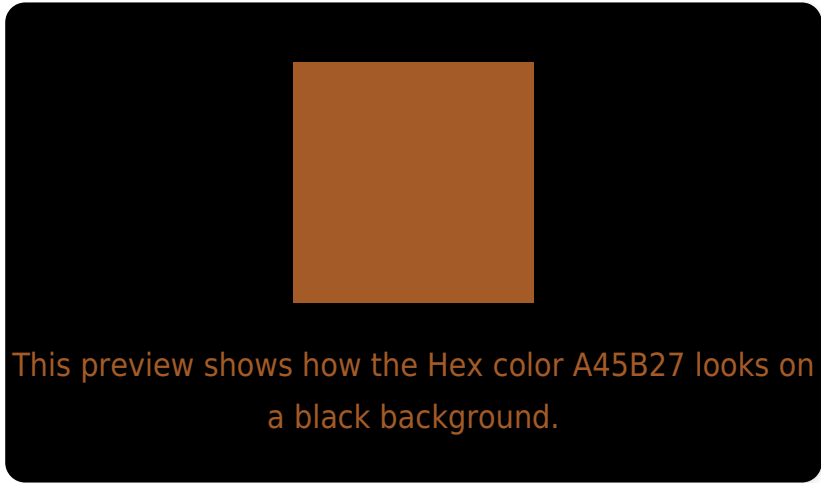
Large Text (above 18pt) WCAG AA ✓ Pass

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 A45B27 Background



This preview shows how black text looks on a background with the Hex color A45B27.



This preview shows how white text looks on a background with the Hex color A45B27.

# 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**  
A45B27

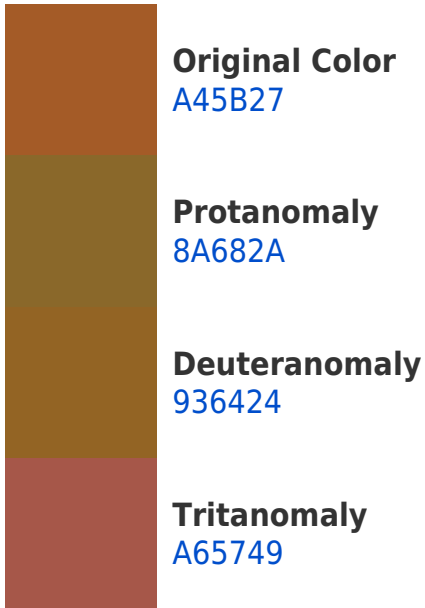
**Protanopia**  
7B6F2C

**Deuteranopia**  
8A6923

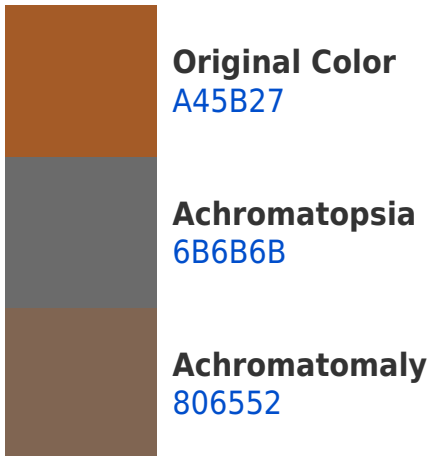


**Tritanopia**  
A7555C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A45B27 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 #A45B27 looks like.

```
.text, #text, p{  
    color:#A45B27  
}
```

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 #A45B27 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A45B27
}
```

## Border

The CSS property to change the border of an element to Hex A45B27 is called "border". The border property can be set on classes, ids or directly on the HTML element.

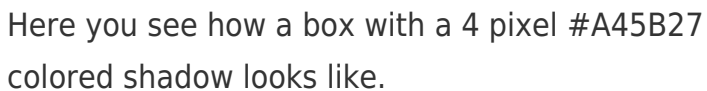
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A45B27 }
```

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

```
.border{ border-color:#A45B27 }
```

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

A rectangular box with a 4px #A45B27 colored shadow. The box is white with a thin brown border. The shadow is a darker brown color, matching the border color, and is applied to the bottom and right sides of the box.

Here you see how a box with a 4 pixel #A45B27 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A45B27; -webkit-box-shadow:4px 4px  
4px 4px #A45B27; box-shadow:4px 4px 4px  
4px #A45B27 }
```

# Background

The CSS property to change the background color of an element to Hex A45B27 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A45B27 }
```

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

```
.background{ background-color:#A45B27 }
```

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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