

# Converting Colors

Hex(A53110)

Have a look what the booklet for  
Hex(A53110) contains.

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**Color**

**Hex(A53110)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>              |
|---------------|---------------------------|
| Hex           | A53110                    |
| RGB           | 165, 49, 16               |
| RGB Percent   | 65%, 19%, 6%              |
| CMY           | 0.3529, 0.8078, 0.9373    |
| CMYK          | 0.00, 0.70, 0.90, 0.35    |
| HSL           | 13°, 82%, 35%             |
| HSV           | 13°, 90%, 65%             |
| XYZ           | 16.7089, 10.2334, 1.5848  |
| YIQ           | 79.9220, 79.7290, 14.3290 |

# Conversions

## Conversions Part 2

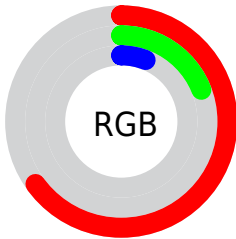
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 165, 58, 16                   |
| Decimal                             | 10826000                      |
| CIE <sub>Lab</sub>                  | 38.26, 46.22, 44.72           |
| CIE <sub>LCh</sub>                  | 38, 64.314, 44.050            |
| Yxy                                 | 10.2334, 0.5857,<br>0.3587    |
| Android<br>(android.graphics.Color) | 4289016080<br>(0xFFA53110)    |
| YUV                                 | 79.9220, -31.5135,<br>74.6134 |
| Hunter-Lab                          | 31.9896, 37.2526,<br>19.4555  |

# Details

The Hex color **A53110** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **1084A5**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **E36640**, and **690000** is the 20% darker color. If you saturate the color by 10%, you get **A52500**, and if you desaturate by 10%, it is **A53E20**.

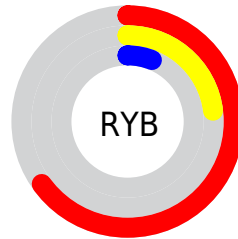
# Distribution



Red (65%)

Green (19%)

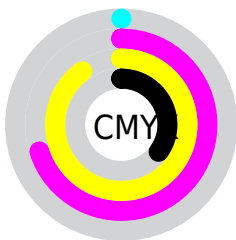
Blue (6%)



Red (65%)

Yellow (23%)

Blue (6%)

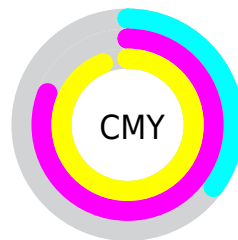


Cyan (0%)

Magenta (70%)

Yellow (90%)

Black (35%)



Cyan (35%)

Magenta (81%)

Yellow (94%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A53110 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 A53110 by changing the saturation by 10% instead.



 A53110

 A53110

 FFFFFA

 871200

 E36640

 690000

 FF8158

 4B0000

 FF9C71

 310002

 FFB88B

 000000

 FFD4A6

 FFF1C1

 FFFFDD

 A53110

 A53110

■ A52500

■ A53E20

■ A54B31

■ A55841

■ A56452

■ A57162

■ A57E73

■ A58B83

■ A59894

■ A5A5A4

# Harmonies

## Analogous

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



B30A44



A53110



854D00

# Triad

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



A53110



006E3B



0059C1

# Complementary

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



A53110



1084A5

# 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.



0068BF



A53110



007072

# Square

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



A53110



076A00



006FA2



793EA6

# Rectangle

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



A53110



685A00



006FA2



005FC4



# Sweetspot

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



A53110



D6A99C



A51085



6B5049



EBEBEB



6B6B6B



# Same Dimension

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



A53110



D62F00



A57B10



524B49



912000



120400



# Inverse Universe

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



1084A5



00A7D6



103AA5



495052



007191



000E12



# Previews

## White Background



This preview shows how the Hex color A53110 looks on a white background.

## Color Contrast Check

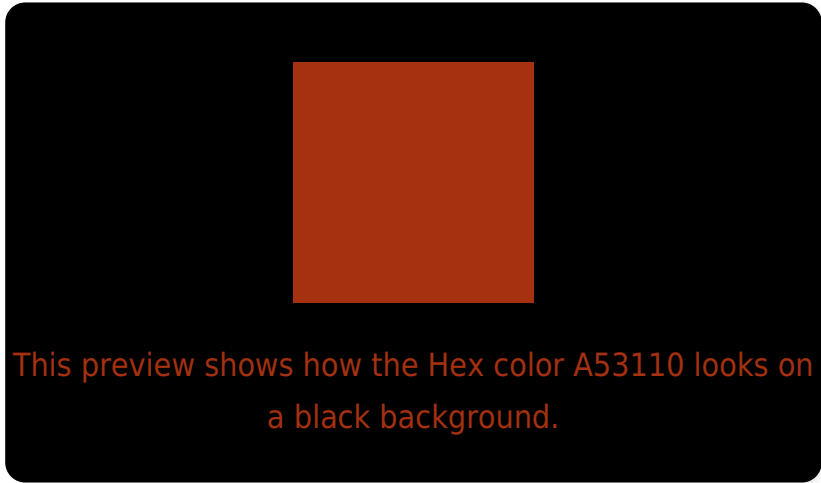
Large Text (above 18pt) WCAG AA ✓ Pass

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 A53110 Background



This preview shows how black text looks on a background with the Hex color A53110.



This preview shows how white text looks on a background with the Hex color A53110.

# 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**  
A53110

**Protanopia**  
665B1A

**Deuteranopia**  
735700



**Tritanopia**  
A62E30

# Trichromacy



**Original Color**  
A53110

**Protanomaly**  
7D4C16

**Deuteranomaly**  
854906

**Tritanomaly**  
A62F24

# Monochromacy



**Original Color**  
A53110

**Achromatopsia**  
505050

**Achromatomaly**  
6F4539

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A53110 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 #A53110 looks like.

```
.text, #text, p{  
    color:#A53110  
}
```

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 #A53110 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A53110
}
```

## Border

The CSS property to change the border of an element to Hex A53110 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
#A53110 }
```

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

```
.border{ border-color:#A53110 }
```

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

Here you see how a box with a 4 pixel #A53110 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A53110; -webkit-box-shadow:4px 4px  
4px 4px #A53110; box-shadow:4px 4px 4px  
4px #A53110 }
```

# Background

The CSS property to change the background color of an element to Hex A53110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A53110 }
```

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

```
.background{ background-color:#A53110 }
```

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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