

# Converting Colors

Hex(A2210A)

Have a look what the booklet for  
Hex(A2210A) contains.

<b>Hex(A2210A)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(A2210A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A2210A
RGB	162, 33, 10
RGB Percent	64%, 13%, 4%
CMY	0.3647, 0.8706, 0.9608
CMYK	0.00, 0.80, 0.94, 0.36
HSL	9°, 88%, 34%
HSV	9°, 94%, 64%
XYZ	15.4989, 8.7910, 1.1671
YIQ	68.9490, 84.2670, 20.1950

# Conversions

## Conversions Part 2

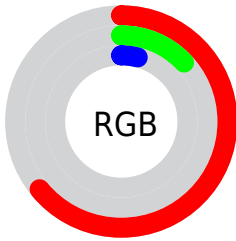
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	162, 37, 10
Decimal	10625290
CIE Lab	35.58, 50.84, 44.83
CIE LCh	36, 67.785, 41.405
Yxy	8.7910, 0.6088, 0.3453
Android (android.graphics.Color)	4288815370 (0xFFA2210A)
YUV	68.9490, -29.0619, 81.6057
Hunter-Lab	29.6496, 41.4215, 18.4209

# Details

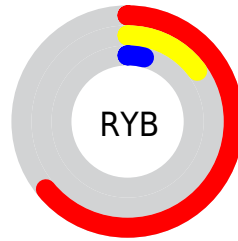
The Hex color **A2210A** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **0A8BA2**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **E15A39**, and **650000** is the 20% darker color. If you saturate the color by 10%, you get **A21900**, and if you desaturate by 10%, it is **A22F1A**.

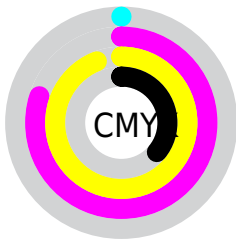
# Distribution



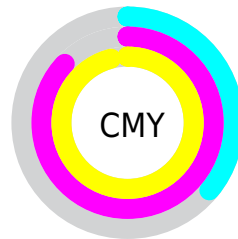
- Red (64%)
- Green (13%)
- Blue (4%)



- Red (64%)
- Yellow (15%)
- Blue (4%)



- Cyan (0%)
- Magenta (80%)
- Yellow (94%)
- Black (36%)



- Cyan (36%)
- Magenta (87%)
- Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A2210A 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 A2210A by changing the saturation by 10% instead.



 A2210A

 A2210A

 FFFFF2

 840000

 E15A39

 650000

 FF7551

 470000

 FF906A

 2C0001

 FFAC84

 000000

 FFC89E

 FFE5BA

 FFFFD6

 A2210A

 A2210A

 A21900

 A22F1A

 A23C2A

 A24A3B

 A2584B

 A2665B

 A2736B

 A2817B

 A28F8C

 A29D9C

# Harmonies

## Analogous

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



AF0042



A2210A



824400

# Triad

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



A2210A



00682E



0054C0

# Complementary

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



A2210A



0A8BA2

# 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.



0063BC



A2210A



006A68

# Square

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



A2210A



006300



00699B



6C38A6

# Rectangle

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



A2210A



655300



00699B



005BC2



# Sweetspot

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



A2210A



D4A198



A20A8B



6B4C47



EBEBEB



6B6B6B



# Same Dimension

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



A2210A



D42000



A26D0A



524B49



911600



120300



# Inverse Universe

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



0A8BA2



00B4D4



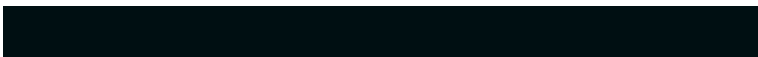
0A3FA2



495052



007B91



000F12



# Previews

## White Background



This preview shows how the Hex color A2210A looks on a white background.

## Color Contrast Check

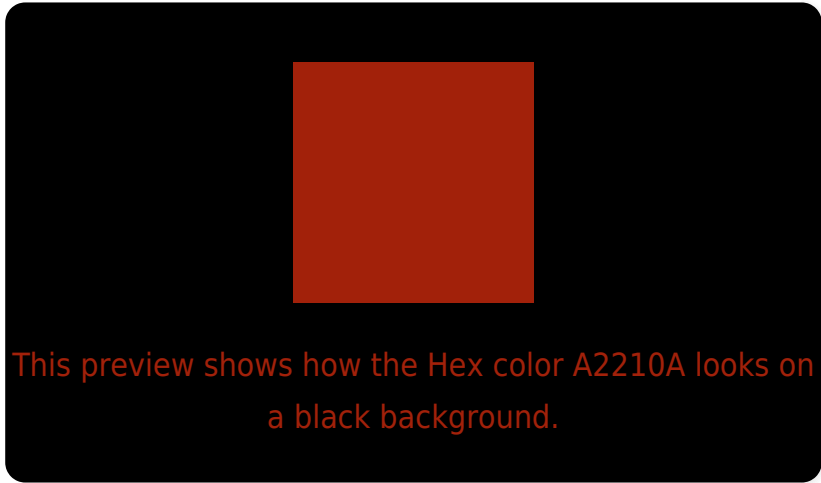
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 A2210A Background



This preview shows how black text looks on a background with the Hex color A2210A.



This preview shows how white text looks on a background with the Hex color A2210A.

# 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**  
A2210A

**Protanopia**  
605517

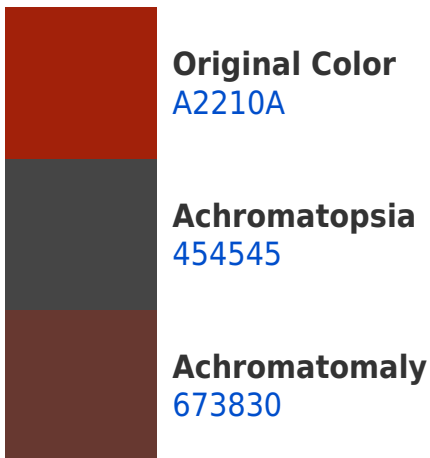
**Deuteranopia**  
6B5100



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A2210A 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 #A2210A looks like.

```
.text, #text, p{  
    color:#A2210A  
}
```

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 #A2210A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A2210A
}
```

## Border

The CSS property to change the border of an element to Hex A2210A is called "border". The border property can be set on classes, ids or directly on the HTML element.

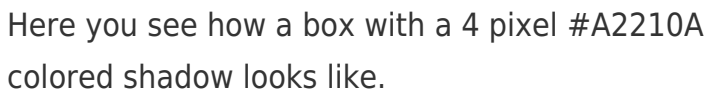
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A2210A }
```

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

```
.border{ border-color:#A2210A }
```

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



Here you see how a box with a 4 pixel #A2210A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A2210A; -webkit-box-shadow:4px 4px  
4px 4px #A2210A; box-shadow:4px 4px 4px  
4px #A2210A }
```

# Background

The CSS property to change the background color of an element to Hex A2210A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A2210A }
```

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

```
.background{ background-color:#A2210A }
```

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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