

Converting Colors

Hex(95A210)

Have a look what the booklet for
Hex(95A210) contains.

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Color

Hex(95A210)

Conversions

Conversions Part 1

Format	Color
Hex	95A210
RGB	149, 162, 16
RGB Percent	58%, 64%, 6%
CMY	0.4157, 0.3647, 0.9373
CMYK	0.08, 0.00, 0.90, 0.36
HSL	65°, 82%, 35%
HSV	65°, 90%, 64%
XYZ	25.4083, 32.2676, 5.3793
YIQ	141.4690, 39.1180, -48.1620

Conversions

Conversions Part 2

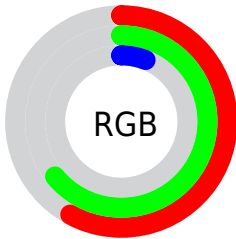
Format	Color
RYB	16, 162, 29
Decimal	9806352
CIELab	63.56, -20.85, 63.79
CIELCh	64, 67.113, 108.102
Yxy	32.2676, 0.4030, 0.5117
Android (android.graphics.Color)	4287996432 (0xFF95A210)
YUV	141.4690, -61.8562, 6.6047
Hunter-Lab	56.8046, -19.5663, 34.1485

Details

The Hex color **95A210** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **1D10A2**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **CED950**, and **5E6F00** is the 20% darker color. If you saturate the color by 10%, you get **94A200**, and if you desaturate by 10%, it is **96A220**.

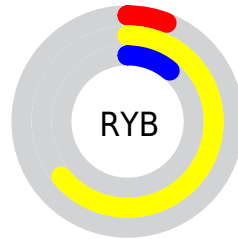
Distribution



Red (58%)

Green (64%)

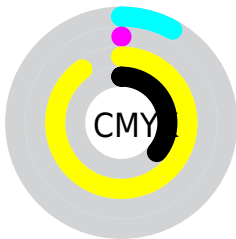
Blue (6%)



Red (6%)

Yellow (64%)

Blue (11%)

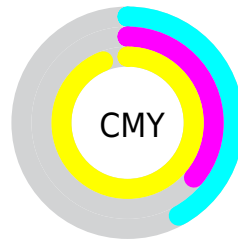


Cyan (8%)

Magenta (0%)

Yellow (90%)

Black (36%)



Cyan (42%)

Magenta (36%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 95A210 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 95A210 by changing the saturation by 10% instead.



95A210



95A210

FFFFFF



798800



CED950



5E6F00



ECF56C



435600



FFFF87



283F00



FFFFA3



0E2900



FFFFBF



001500



FFFDC



000000



FFFFFA



95A210



95A210

■ 94A200

■ 96A220

■ 98A230

■ 99A241

■ 9BA251

■ 9CA261

■ 9EA271

■ 9FA281

■ A1A292

■ A2A2A2

Harmonies

Analogous

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



CB8F12



95A210



4BAE44

Triad

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



95A210



00B2F2



F962B4

Complementary

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



95A210



1D10A2

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.



CA79EB



95A210



00A8FF

Square

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



95A210



00B6BD



6894FF



FF6178

Rectangle

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



95A210



00B36B



6894FF



EE68C8

Sweetspot

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



95A210



CFD49B



A21C10



686B49



EBEBEB



6B6B6B

Same Dimension

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



95A210



C1D400



4DA210



515249



849100



101200

Inverse Universe

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



1D10A2



1300D4



6510A2



4A4952



0D0091



020012

Previews

White Background



This preview shows how the Hex color 95A210 looks on a white background.

Color Contrast Check

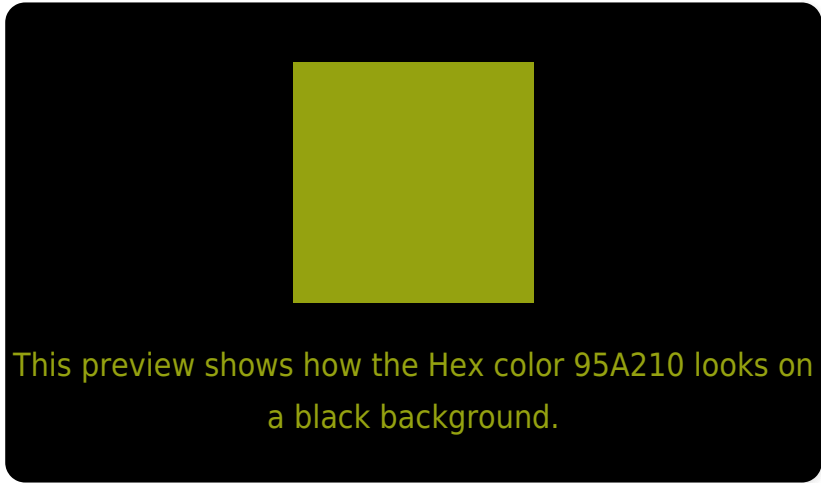
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

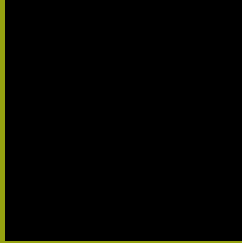
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 95A210 Background



This preview shows how black text looks on a background with the Hex color 95A210.



This preview shows how white text looks on a background with the Hex color 95A210.

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
95A210

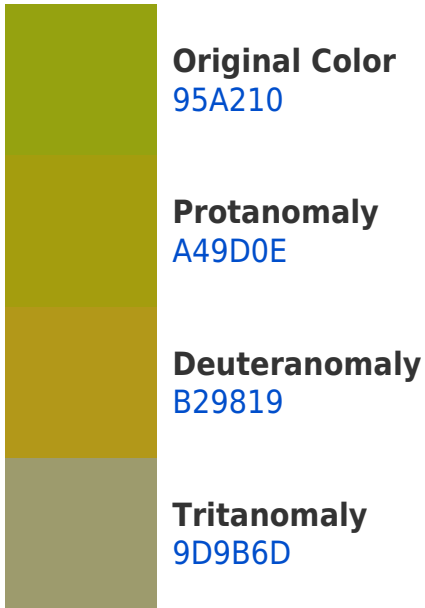
Protanopia
AD9A0D

Deuteranopia
C2921E



Tritanopia
A197A2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 95A210 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 #95A210 looks like.

```
.text, #text, p{  
    color:#95A210  
}
```

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 #95A210 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #95A210
}
```

Border

The CSS property to change the border of an element to Hex 95A210 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
#95A210 }
```

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

```
.border{ border-color:#95A210 }
```

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

Here you see how a box with a 4 pixel #95A210 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #95A210; -webkit-box-shadow:4px 4px  
4px 4px #95A210; box-shadow:4px 4px 4px  
4px #95A210 }
```

Background

The CSS property to change the background color of an element to Hex 95A210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#95A210 }
```

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

```
.background{ background-color:#95A210 }
```

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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