

Converting Colors

Hex(95B428)

Have a look what the booklet for
Hex(95B428) contains.

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Color

Hex(95B428)

Conversions

Conversions Part 1

Format	Color
Hex	95B428
RGB	149, 180, 40
RGB Percent	58%, 71%, 16%
CMY	0.4157, 0.2941, 0.8431
CMYK	0.17, 0.00, 0.78, 0.29
HSL	73°, 64%, 43%
HSV	73°, 78%, 71%
XYZ	29.0987, 39.1853, 8.0373
YIQ	154.7710, 26.4640, -50.1120

Conversions

Conversions Part 2

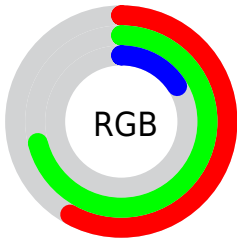
Format	Color
RYB	40, 180, 71
Decimal	9810984
CIELab	68.89, -28.90, 62.46
CIElCh	69, 68.817, 114.828
Yxy	39.1853, 0.3813, 0.5134
Android (android.graphics.Color)	4288001064 (0xFF95B428)
YUV	154.7710, -56.5821, -5.0612
Hunter-Lab	62.5981, -26.5712, 36.2061

Details

The Hex color **95B428** is a dark color, and the websafe version is hex **99CC33**. A complement of this color would be **4728B4**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **CEEC61**, and **5E7F00** is the 20% darker color. If you saturate the color by 10%, you get **91B416**, and if you desaturate by 10%, it is **99B43A**.

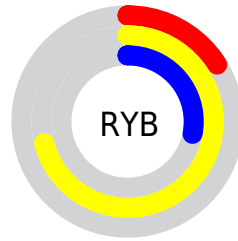
Distribution



Red (58%)

Green (71%)

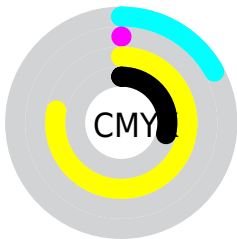
Blue (16%)



Red (16%)

Yellow (71%)

Blue (28%)

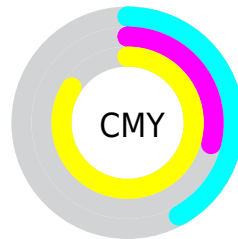


Cyan (17%)

Magenta (0%)

Yellow (78%)

Black (29%)



Cyan (42%)

Magenta (29%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 95B428 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 95B428 by changing the saturation by 10% instead.

 95B428

 95B428

FFFFFF

 799900

 CEEC61

 5E7F00

 ECFF7D

 436600

 FFFF98

 284E00

 FFFFB4

 083700

 FFFFD1

 002200

 FFFFEE

 000000

 95B428

 95B428

 91B416

 99B43A

 8DB404

 9DB44C

 8CB400

 A1B45E

 A5B470

 A9B482

 ADB494

 B1B4A6

 B5B4B8

 B9B4CA

Harmonies

Analogous

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



D1A119



95B428



3DBF5C

Triad

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



95B428



00C0FF



FF6CB6

Complementary

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



95B428



4728B4

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.



E980F1



95B428



00B3FF

Square

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



95B428



00C5DB



949CFF



FF7178

Rectangle

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



95B428



00C485



949CFF



FF71CA

Sweetspot

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



95B428



DFEBB5



B44628



6E7554



F5F5F5



757575

Same Dimension

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



95B428



BAEB10



50B428



575950



779900



141A00

Inverse Universe

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



4728B4



4110EB



8C28B4



525059



220099



06001A

Previews

White Background



This preview shows how the Hex color 95B428 looks on a white background.

Color Contrast Check

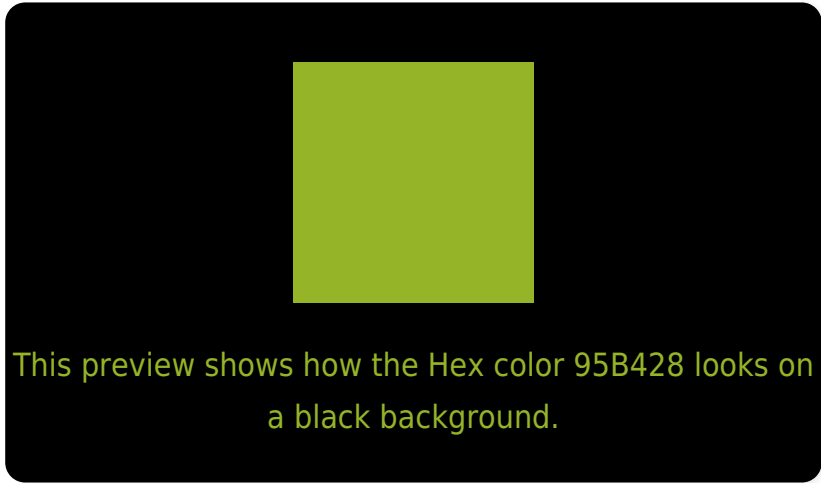
Large Text (above 18pt) WCAG AA × Fail

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 95B428 Background



This preview shows how black text looks on a background with the Hex color 95B428.



This preview shows how white text looks on a background with the Hex color 95B428.

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
95B428

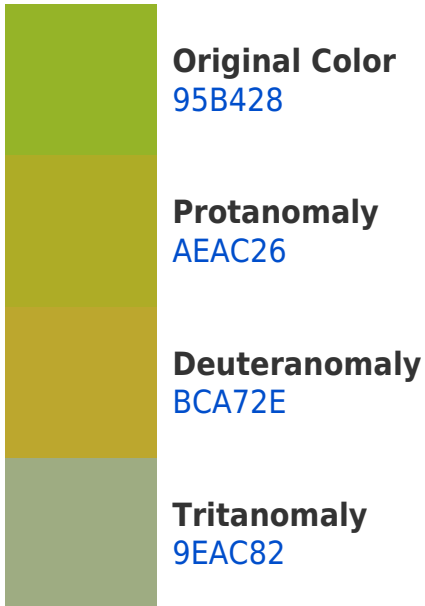
Protanopia
BDA825

Deuteranopia
D29F32



Tritanopia
A3A8B5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 95B428 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 #95B428 looks like.

```
.text, #text, p{  
    color:#95B428  
}
```

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 #95B428 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #95B428
}
```

Border

The CSS property to change the border of an element to Hex 95B428 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
#95B428 }
```

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

```
.border{ border-color:#95B428 }
```

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

Here you see how a box with a 4 pixel #95B428 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #95B428; -webkit-box-shadow:4px 4px  
4px 4px #95B428; box-shadow:4px 4px 4px  
4px #95B428 }
```

Background

The CSS property to change the background color of an element to Hex 95B428 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#95B428 }
```

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

```
.background{ background-color:#95B428 }
```

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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