

Converting Colors

Hex(25A912)

Have a look what the booklet for
Hex(25A912) contains.

Hex(25A912)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(25A912)

Conversions

Conversions Part 1

Format	Color
Hex	25A912
RGB	37, 169, 18
RGB Percent	15%, 66%, 7%
CMY	0.8549, 0.3373, 0.9294
CMYK	0.78, 0.00, 0.89, 0.34
HSL	112°, 81%, 37%
HSV	112°, 89%, 66%
XYZ	15.0601, 28.8129, 5.3400
YIQ	112.3180, -30.2010, -74.9450

Conversions

Conversions Part 2

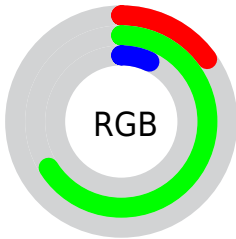
Format	Color
RYB	18, 169, 150
Decimal	2468114
CIELab	60.62, -59.68, 58.89
CIELCh	61, 83.843, 135.382
Yxy	28.8129, 0.3060, 0.5855
Android (android.graphics.Color)	4280658194 (0xFF25A912)
YUV	112.3180, -46.4988, -66.0539
Hunter-Lab	53.6777, -43.8550, 31.6761

Details

The Hex color **25A912** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **9612A9**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **6BE150**, and **007300** is the 20% darker color. If you saturate the color by 10%, you get **16A901**, and if you desaturate by 10%, it is **34A923**.

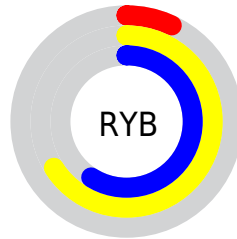
Distribution



Red (15%)

Green (66%)

Blue (7%)



Red (7%)

Yellow (66%)

Blue (59%)

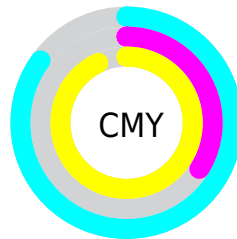


Cyan (78%)

Magenta (0%)

Yellow (89%)

Black (34%)



Cyan (85%)

Magenta (34%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 25A912 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 25A912 by changing the saturation by 10% instead.



25A912



25A912

FFFFFF



008E00



6BE150



007300



89FF6C



005900



A7FF87



004100



C5FFA3



002900



E3FFBF



000400



FFFFDC



000000



FFFFF9



25A912



25A912

■ 16A901

■ 34A923

■ 15A900

■ 43A934

■ 51A945

■ 60A956

■ 6FA966

■ 7EA977

■ 8CA988

■ 9BA999

■ AAA9AA

Harmonies

Analogous

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



8D9B00



25A912



00B06A

Triad

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



25A912



00A5FF



FF3570

Complementary

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



25A912



9612A9

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.



FF3EBA



25A912



008EFF

Square

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



25A912



00B0FB



C36AFB



FD5D28

Rectangle

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



25A912



00B29E



C36AFB



FF3088

Sweetspot

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



25A912



A8DBA0



A99512



4F6E4B



EDEDED



6E6E6E

Same Dimension

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



25A912



1CDB00



12A949



4D544C



139400



031400

Inverse Universe

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



9612A9



C000DB



A91272



534C54



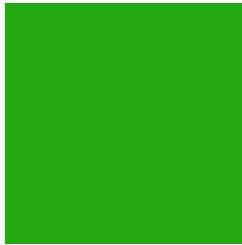
810094



120014

Previews

White Background



This preview shows how the Hex color 25A912 looks on a white background.

Color Contrast Check

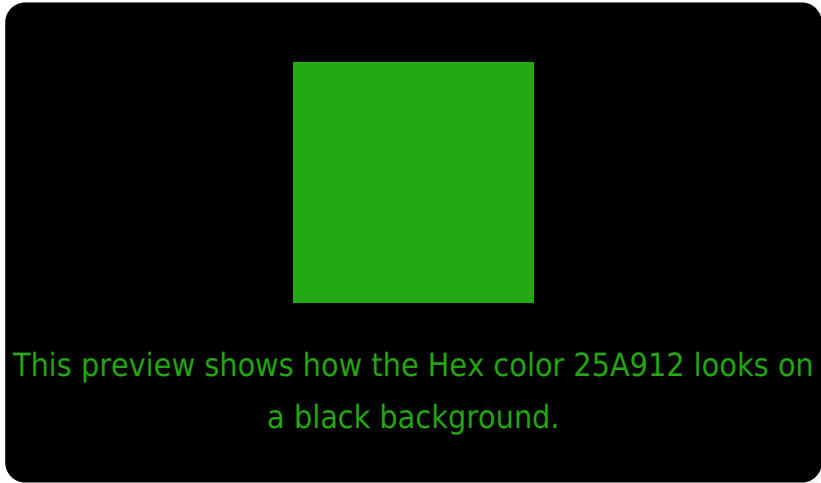
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

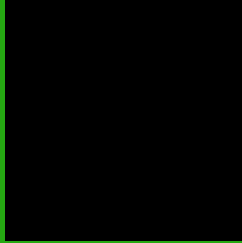
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 25A912 Background



This preview shows how black text looks on a background with the Hex color 25A912.



This preview shows how white text looks on a background with the Hex color 25A912.

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
25A912

Protanopia
A49107

Deuteranopia
B68A28



Tritanopia
4E9DAA

Trichromacy



Original Color

25A912



Protanomaly

769A0B



Deuteranomaly

819520



Tritanomaly

3FA173

Monochromacy



Original Color

25A912



Achromatopsia

707070



Achromatomaly

55854E

CSS Examples

Text

The CSS property to change the color of the text to Hex 25A912 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 #25A912 looks like.

```
.text, #text, p{  
    color:#25A912  
}
```

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 #25A912 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #25A912
}
```

Border

The CSS property to change the border of an element to Hex 25A912 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".

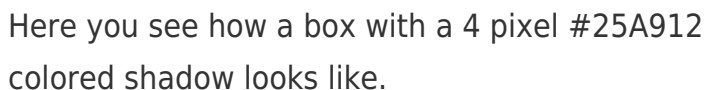
```
.border, #border, table{ border:4px solid
#25A912 }
```

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

```
.border{ border-color:#25A912 }
```

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

Here you see how a box with a 4 pixel #25A912 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #25A912; -webkit-box-shadow:4px 4px  
4px 4px #25A912; box-shadow:4px 4px 4px  
4px #25A912 }
```

Background

The CSS property to change the background color of an element to Hex 25A912 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#25A912 }
```

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

```
.background{ background-color:#25A912 }
```

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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