

Converting Colors

Hex(25A31A)

Have a look what the booklet for
Hex(25A31A) contains.

Hex(25A31A)	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(25A31A)

Conversions

Conversions Part 1

Format	Color
Hex	25A31A
RGB	37, 163, 26
RGB Percent	15%, 64%, 10%
CMY	0.8549, 0.3608, 0.8980
CMYK	0.77, 0.00, 0.84, 0.36
HSL	115°, 72%, 37%
HSV	115°, 84%, 64%
XYZ	14.0466, 26.6623, 5.3833
YIQ	109.7080, -31.1190, -69.3190

Conversions

Conversions Part 2

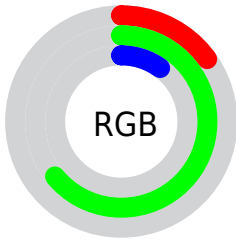
Format	Color
R_{YB}	26, 163, 152
Decimal	2466586
CIE _{Lab}	58.66, -57.46, 55.32
CIE _{LCh}	59, 79.763, 136.088
Yxy	26.6623, 0.3048, 0.5785
Android (android.graphics.Color)	4280656666 (0xFF25A31A)
YUV	109.7080, -41.2680, -63.7649
Hunter-Lab	51.6355, -41.8042, 29.9636

Details

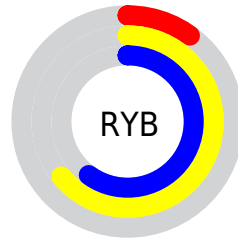
The Hex color **25A31A** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **981AA3**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **69DB54**, and **006E00** is the 20% darker color. If you saturate the color by 10%, you get **16A30A**, and if you desaturate by 10%, it is **34A32A**.

Distribution



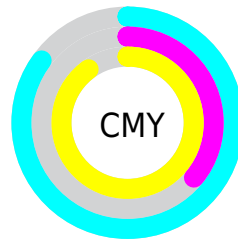
- Red (15%)
- Green (64%)
- Blue (10%)



- Red (10%)
- Yellow (64%)
- Blue (60%)



- Cyan (77%)
- Magenta (0%)
- Yellow (84%)
- Black (36%)



- Cyan (85%)
- Magenta (36%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 25A31A 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 25A31A by changing the saturation by 10% instead.



25A31A



25A31A

FFFFFF



008800



69DB54



006E00



87F86F



005400



A4FF8A



003C00



C2FFA5



002400



E0FFC2



000000



FEFFDE



FFFFFFC



25A31A



25A31A

 16A30A

 34A32A

 0DA300

 43A33B

 52A34B

 61A35B

 70A36B

 7FA37C

 8EA38C

 9DA39C

 ACA3AD

Harmonies

Analogous

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



879500



25A31A



00AA69

Triad

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



25A31A



009FFF



FF396B

Complementary

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



25A31A



981AA3

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.



F83FB1



25A31A



0F89FF

Square

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



25A31A



00A9F1



BD66EF



F25C27

Rectangle

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



25A31A



00AB9A



BD66EF



FF3482

Sweetspot

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



25A31A



A3D49F



A3981A



4E6B4B



EBEBEB



6B6B6B

Same Dimension

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



25A31A



11D400



1AA353



4A5249



0C9100



011200

Inverse Universe

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



981AA3



C300D4



A31A6A



514952



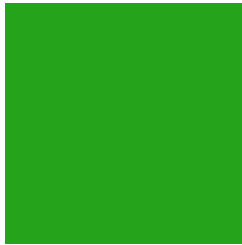
860091



100012

Previews

White Background



This preview shows how the Hex color 25A31A looks on a white background.

Color Contrast Check

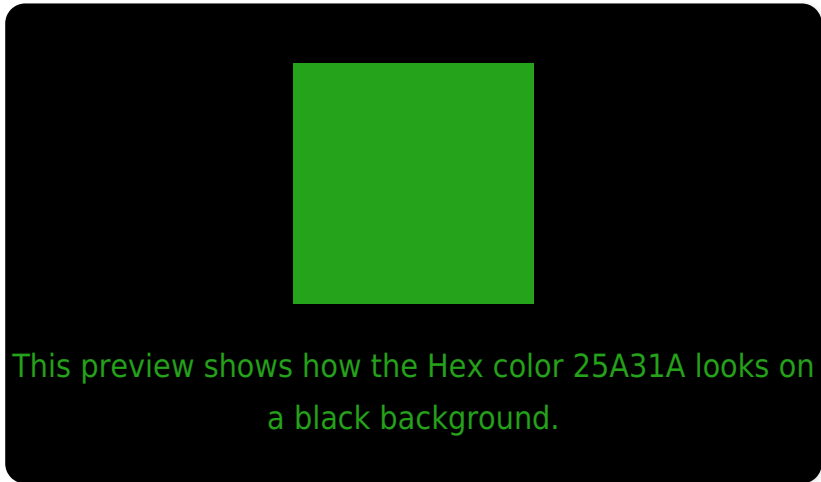
Large Text (above 18pt) WCAG AA ✓ Pass

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 25A31A Background



This preview shows how black text looks on a background with the Hex color 25A31A.



This preview shows how white text looks on a background with the Hex color 25A31A.

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
25A31A

Protanopia
9E8C14

Deuteranopia
B0852B



Tritanopia
4C98A4

Trichromacy



Original Color
25A31A



Protanomaly
729416



Deuteranomaly
7D9025



Tritanomaly
3E9C72

Monochromacy



Original Color
25A31A



Achromatopsia
6E6E6E



Achromatomaly
53814F

CSS Examples

Text

The CSS property to change the color of the text to Hex 25A31A 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 #25A31A looks like.

```
.text, #text, p{  
    color:#25A31A  
}
```

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 #25A31A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #25A31A
}
```

Border

The CSS property to change the border of an element to Hex 25A31A 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".

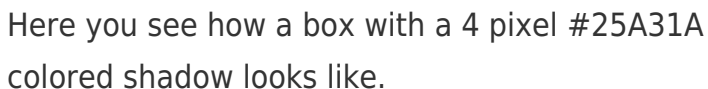
```
.border, #border, table{ border:4px solid
#25A31A }
```

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

```
.border{ border-color:#25A31A }
```

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

Here you see how a box with a 4 pixel #25A31A colored shadow looks like.

A rectangular box with a thick green border and a green shadow. The box is white with a green border and a green shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #25A31A; -webkit-box-shadow:4px 4px  
4px 4px #25A31A; box-shadow:4px 4px 4px  
4px #25A31A }
```

Background

The CSS property to change the background color of an element to Hex 25A31A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#25A31A }
```

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

```
.background{ background-color:#25A31A }
```

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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