

Converting Colors

Hex(60D90A)

Have a look what the booklet for
Hex(60D90A) contains.

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Color

Hex(60D90A)

Conversions

Conversions Part 1

Format	Color
Hex	60D90A
RGB	96, 217, 10
RGB Percent	38%, 85%, 4%
CMY	0.6235, 0.1490, 0.9608
CMYK	0.56, 0.00, 0.95, 0.15
HSL	95°, 91%, 45%
HSV	95°, 95%, 85%
XYZ	29.6915, 52.1344, 8.7852
YIQ	157.2230, -5.6690, -90.0290

Conversions

Conversions Part 2

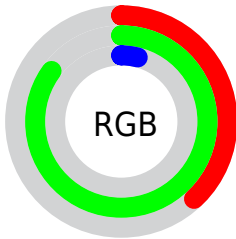
Format	Color
RYB	10, 217, 131
Decimal	6347018
CIELab	77.36, -63.16, 74.54
CIELCh	77, 97.702, 130.273
Yxy	52.1344, 0.3277, 0.5754
Android (android.graphics.Color)	4284537098 (0xFF60D90A)
YUV	157.2230, -72.5809, -53.6926
Hunter-Lab	72.2042, -52.9552, 43.3290

Details

The Hex color **60D90A** is a dark color, and the websafe version is hex **66CC00**. The color can be described as dark washed chartreuse. A complement of this color would be **830AD9**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **9EFF58**, and **03A100** is the 20% darker color. If you saturate the color by 10%, you get **5AD900**, and if you desaturate by 10%, it is **6DD920**.

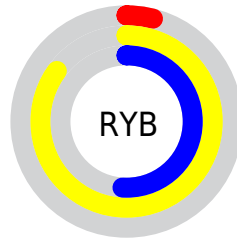
Distribution



Red (38%)

Green (85%)

Blue (4%)



Red (4%)

Yellow (85%)

Blue (51%)

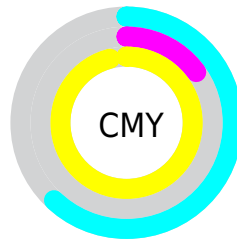


Cyan (56%)

Magenta (0%)

Yellow (95%)

Black (15%)



Cyan (62%)

Magenta (15%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 60D90A 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 60D90A by changing the saturation by 10% instead.

 60D90A

 60D90A

FFFFFF

 3DBD00

 9EFF58

 03A100

 BDF75

 008600

 DBFF92

 006B00

 FAFFAF


 005200

 FFFFCC

 003A00

 FFFFEA

 002100

 000000

 60D90A

 60D90A

■ 5AD900

■ 6DD920

■ 79D935

■ 86D94B

■ 93D961

■ 9FD977

■ ACD98C

■ B9D9A2

■ C5D9B8

■ D2D9CD

Harmonies

Analogous

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



C9C500



60D90A



00E37E

Triad

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



60D90A



00DAFF



FF51A4

Complementary

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



60D90A



830AD9

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.



FF65FE



60D90A



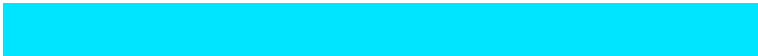
00C0FF

Square

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



60D90A



00E5FF



E797FF



FF774D

Rectangle

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



60D90A



00E6BD



E797FF



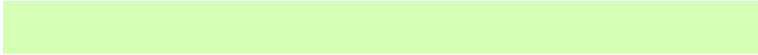
FF50C2

Sweetspot

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



60D90A



D4FFB5



D9830A



658053



000000



808080

Same Dimension

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



60D90A



6AFF00



0AD91B



676E63



48AD00



132E00

Inverse Universe

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



830AD9



9500FF



D90AC8



69636E



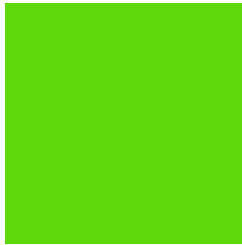
6500AD



1B002E

Previews

White Background



This preview shows how the Hex color 60D90A looks on a white background.

Color Contrast Check

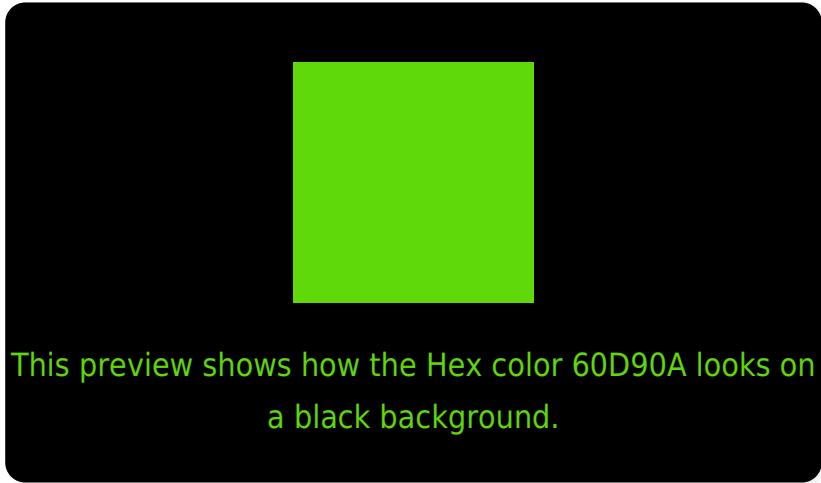
Large Text (above 18pt) WCAG AA × Fail

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 60D90A Background



This preview shows how black text looks on a background with the Hex color 60D90A.

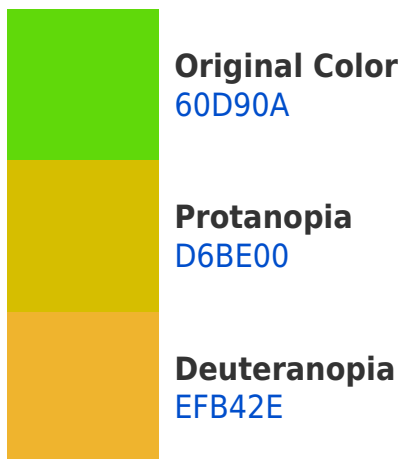


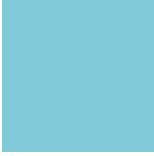
This preview shows how white text looks on a background with the Hex color 60D90A.

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





Trichromacy



Original Color
60D90A



Protanomaly
ABC804



Deuteranomaly
BBC121



Tritanomaly
74CF8E

Monochromacy



Original Color
60D90A



Achromatopsia
9D9D9D



Achromatomaly
87B368

CSS Examples

Text

The CSS property to change the color of the text to Hex 60D90A 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 #60D90A looks like.

```
.text, #text, p{  
    color:#60D90A  
}
```

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 #60D90A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #60D90A
}
```

Border

The CSS property to change the border of an element to Hex 60D90A 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
#60D90A }
```

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

```
.border{ border-color:#60D90A }
```

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

Here you see how a box with a 4 pixel #60D90A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #60D90A; -webkit-box-shadow:4px 4px  
4px 4px #60D90A; box-shadow:4px 4px 4px  
4px #60D90A }
```

Background

The CSS property to change the background color of an element to Hex 60D90A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#60D90A }
```

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

```
.background{ background-color:#60D90A }
```

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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