

Converting Colors

Hex(6DA82D)

Have a look what the booklet for
Hex(6DA82D) contains.

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Color

Hex(6DA82D)

Conversions

Conversions Part 1

Format	Color
Hex	6DA82D
RGB	109, 168, 45
RGB Percent	43%, 66%, 18%
CMY	0.5725, 0.3412, 0.8235
CMYK	0.35, 0.00, 0.73, 0.34
HSL	89°, 58%, 42%
HSV	89°, 73%, 66%
XYZ	20.7830, 31.4459, 7.4569
YIQ	136.3370, 4.3190, -50.7610

Conversions

Conversions Part 2

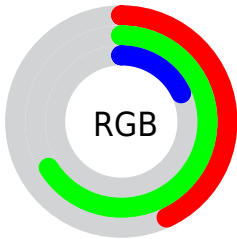
Format	Color
RYB	45, 168, 104
Decimal	7186477
CIELab	62.88, -38.78, 54.18
CIELCh	63, 66.628, 125.598
Yxy	31.4459, 0.3482, 0.5269
Android (android.graphics.Color)	4285376557 (0xFF6DA82D)
YUV	136.3370, -45.0291, -23.9745
Hunter-Lab	56.0767, -31.9791, 31.3695

Details

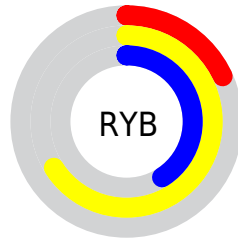
The Hex color **6DA82D** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **682DA8**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **A5E063**, and **367300** is the 20% darker color. If you saturate the color by 10%, you get **65A81C**, and if you desaturate by 10%, it is **75A83E**.

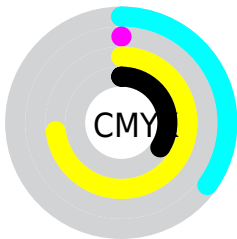
Distribution



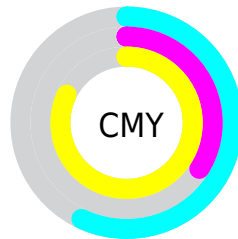
- Red (43%)
- Green (66%)
- Blue (18%)



- Red (18%)
- Yellow (66%)
- Blue (41%)



- Cyan (35%)
- Magenta (0%)
- Yellow (73%)
- Black (34%)



- Cyan (57%)
- Magenta (34%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6DA82D 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 6DA82D by changing the saturation by 10% instead.

 6DA82D

 6DA82D

FFFFFF

 528D0B

 A5E063

 367300

 C1FC7E

 185A00

 DEFF99

 004200

 FCFFB5

 002C00

 FFFFD1

 001200

 FFFFEE

 000000

 6DA82D

 6DA82D

 65A81C

 75A83E

 5DA80B

 7DA84F

 57A800

 85A85F

 8DA870

 95A881

 9DA892

 A5A8A3

 ADA8B3

 B6A8C4

Harmonies

Analogous

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



AB9901



6DA82D



00B064

Triad

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



6DA82D



00ABFF



FF5C8F

Complementary

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



6DA82D



682DA8

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.



E869CA



6DA82D



009CFF

Square

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



6DA82D



00B2DC



A883F9



FB6A56

Rectangle

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



6DA82D



00B38D



A883F9



FD5EA3

Sweetspot

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



6DA82D



C4DBAB



A8662D



606E51



EDEDED



6E6E6E

Same Dimension

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



6DA82D



7FDB1A



31A82D



50544C



4D9400



0B1400

Inverse Universe

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



682DA8



771ADB



A42DA8



504C54



470094



0A0014

Previews

White Background



This preview shows how the Hex color 6DA82D looks on a white background.

Color Contrast Check

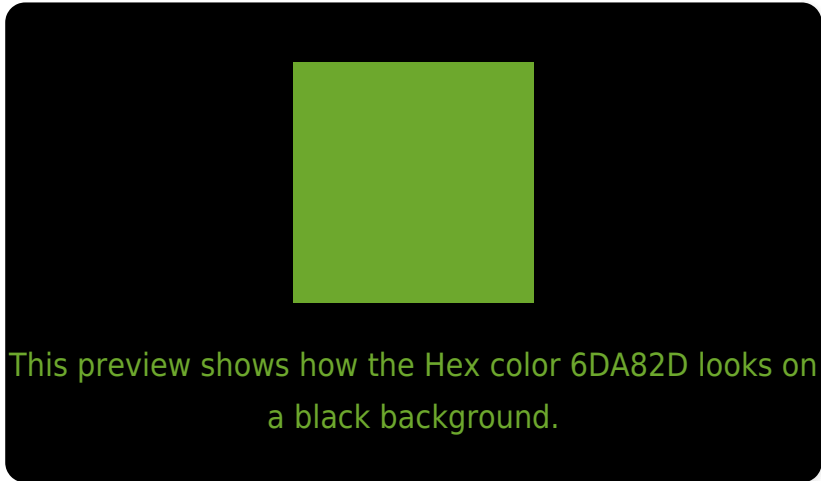
Large Text (above 18pt) WCAG AA × Fail

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 6DA82D Background



This preview shows how black text looks on a background with the Hex color 6DA82D.

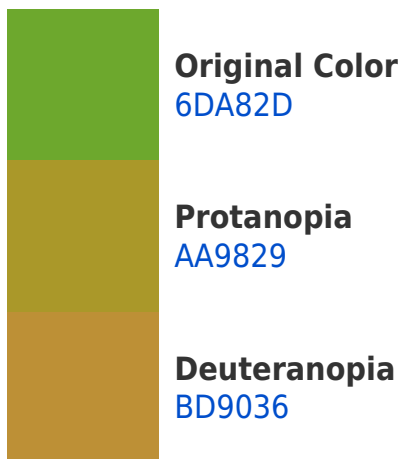


This preview shows how white text looks on a background with the Hex color 6DA82D.

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





Tritanopia
7E9DA9

Trichromacy



Original Color
6DA82D

Protanomaly
949E2A

Deuteranomaly
A09933

Tritanomaly
78A17C

Monochromacy



Original Color
6DA82D

Achromatopsia
888888

Achromatomaly
7E9467

CSS Examples

Text

The CSS property to change the color of the text to Hex 6DA82D 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 #6DA82D looks like.

```
.text, #text, p{  
    color:#6DA82D  
}
```

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 #6DA82D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6DA82D
}
```

Border

The CSS property to change the border of an element to Hex 6DA82D 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
#6DA82D }
```

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

```
.border{ border-color:#6DA82D }
```

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

Here you see how a box with a 4 pixel #6DA82D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6DA82D; -webkit-box-shadow:4px 4px  
4px 4px #6DA82D; box-shadow:4px 4px 4px  
4px #6DA82D }
```

Background

The CSS property to change the background color of an element to Hex 6DA82D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6DA82D }
```

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

```
.background{ background-color:#6DA82D }
```

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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