

Converting Colors

Hex(6DA236)

Have a look what the booklet for
Hex(6DA236) contains.

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Color

Hex(6DA236)

Conversions

Conversions Part 1

Format	Color
Hex	6DA236
RGB	109, 162, 54
RGB Percent	43%, 64%, 21%
CMY	0.5725, 0.3647, 0.7882
CMYK	0.33, 0.00, 0.67, 0.36
HSL	89°, 50%, 42%
HSV	89°, 67%, 64%
XYZ	19.8929, 29.3582, 8.1083
YIQ	133.8410, 3.0800, -44.8240

Conversions

Conversions Part 2

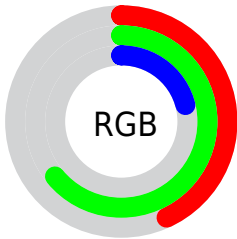
Format	Color
RYB	54, 162, 107
Decimal	7184950
CIELab	61.10, -35.45, 48.78
CIElCh	61, 60.302, 126.006
Yxy	29.3582, 0.3468, 0.5118
Android (android.graphics.Color)	4285375030 (0xFF6DA236)
YUV	133.8410, -39.3616, -21.7856
Hunter-Lab	54.1832, -29.2860, 29.0558

Details

The Hex color **6DA236** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **6B36A2**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **A4D96A**, and **376E00** is the 20% darker color. If you saturate the color by 10%, you get **65A226**, and if you desaturate by 10%, it is **75A246**.

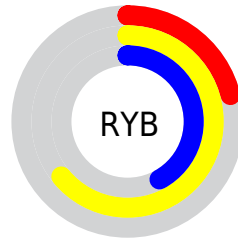
Distribution



Red (43%)

Green (64%)

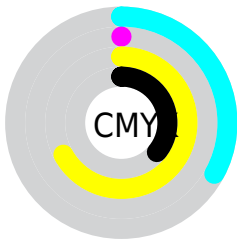
Blue (21%)



Red (21%)

Yellow (64%)

Blue (42%)

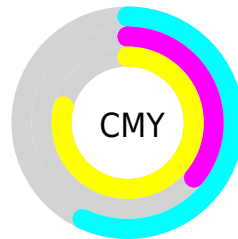


Cyan (33%)

Magenta (0%)

Yellow (67%)

Black (36%)



Cyan (57%)

Magenta (36%)

Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6DA236 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 6DA236 by changing the saturation by 10% instead.

 6DA236

 6DA236

FFFFFF

 52881A

 A4D96A

 376E00

 C0F685

 1C5500

 DDFFA0

 003D00

 FAFFBB

 002800

 FFFFD8

 000800

 FFFFF5

 000000

 6DA236

 6DA236

 65A226

 75A246

 5DA216

 7DA256

 55A205

 85A267

 53A200

 8DA277

 95A287

 9DA297

 A5A2A7

 ADA2B8

 B5A2C8

Harmonies

Analogous

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



A5941B



6DA236



00AA66

Triad

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



6DA236



00A4F4



F3608B

Complementary

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



6DA236



6B36A2

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.



DC6AC0



6DA236



2596FE

Square

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



6DA236



00ABD1



A381EA



ED6B58

Rectangle

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



6DA236



00AC8A



A381EA



EF619D

Sweetspot

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



6DA236



BFD4A9



A26A36



5E6B51



EBEBEB



6B6B6B

Same Dimension

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



6DA236



81D42A



38A236



4E5249



4A9100



091200

Inverse Universe

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



6B36A2



7D2AD4



A036A2



4D4952



470091



090012

Previews

White Background



This preview shows how the Hex color 6DA236 looks on a white background.

Color Contrast Check

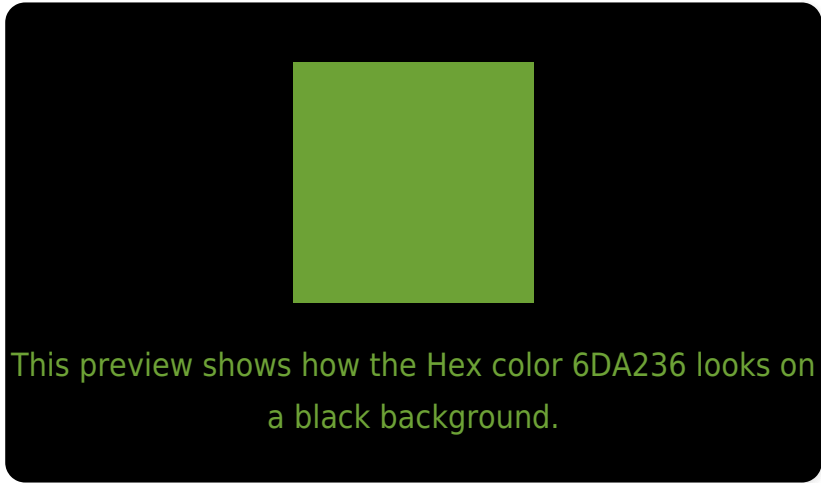
Large Text (above 18pt) WCAG AA ✓ Pass

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 6DA236 Background



This preview shows how black text looks on a background with the Hex color 6DA236.

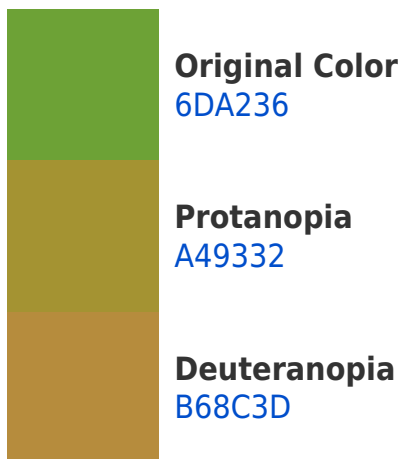


This preview shows how white text looks on a background with the Hex color 6DA236.

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
7C97A4

Trichromacy



Original Color
6DA236



Protanomaly
909833



Deuteranomaly
9B943A



Tritanomaly
779B7C

Monochromacy



Original Color
6DA236



Achromatopsia
868686



Achromatomaly
7D9069

CSS Examples

Text

The CSS property to change the color of the text to Hex 6DA236 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 #6DA236 looks like.

```
.text, #text, p{  
    color:#6DA236  
}
```

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 #6DA236 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6DA236
}
```

Border

The CSS property to change the border of an element to Hex 6DA236 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
#6DA236 }
```

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

```
.border{ border-color:#6DA236 }
```

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

Here you see how a box with a 4 pixel #6DA236 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6DA236; -webkit-box-shadow:4px 4px  
4px 4px #6DA236; box-shadow:4px 4px 4px  
4px #6DA236 }
```

Background

The CSS property to change the background color of an element to Hex 6DA236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6DA236 }
```

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

```
.background{ background-color:#6DA236 }
```

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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