

Converting Colors

Hex(6D9243)

Have a look what the booklet for
Hex(6D9243) contains.

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Color

Hex(6D9243)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 6D9243 |
| RGB | 109, 146, 67 |
| RGB Percent | 43%, 57%, 26% |
| CMY | 0.5725, 0.4275, 0.7373 |
| CMYK | 0.25, 0.00, 0.54, 0.43 |
| HSL | 88°, 37%, 42% |
| HSV | 88°, 54%, 57% |
| XYZ | 17.5987, 24.2142, 9.0565 |
| YIQ | 125.9310, 3.3070, -32.4130 |

Conversions

Conversions Part 2

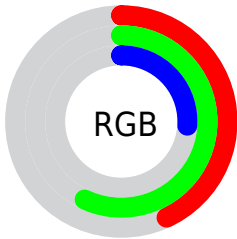
| Format | Color |
|-------------------------------------|---------------------------------|
| R_{YB} | 67, 146, 104 |
| Decimal | 7180867 |
| CIE _{Lab} | 56.30, -26.66, 37.35 |
| CIE _{LCh} | 56, 45.895, 125.518 |
| Yxy | 24.2142, 0.3460, 0.4760 |
| Android (android.graphics.Color) | 4285370947 (0xFF6D9243) |
| YUV | 125.9310, -29.0530, -14.8485 |
| Hunter-Lab | 49.2080, -22.2754, 23.5336 |

Details

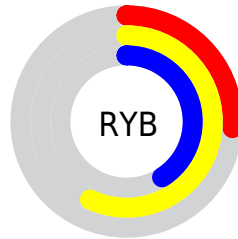
The Hex color **6D9243** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **684392**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **A2C875**, and **3A5F12** is the 20% darker color. If you saturate the color by 10%, you get **669234**, and if you desaturate by 10%, it is **749252**.

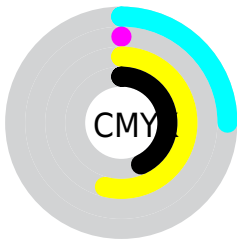
Distribution



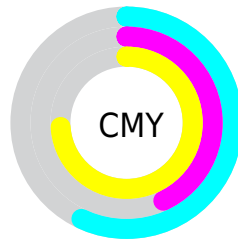
- Red (43%)
- Green (57%)
- Blue (26%)



- Red (26%)
- Yellow (57%)
- Blue (41%)



- Cyan (25%)
- Magenta (0%)
- Yellow (54%)
- Black (43%)



- Cyan (57%)
- Magenta (43%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6D9243 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 6D9243 by changing the saturation by 10% instead.

 6D9243

 6D9243

FFFFFF

 53782B

 A2C875

 3A5F12

 BEE48F

 224700

 DAFFAA

 063000

 F7FFC6

 001E00

 FFFFE2

 000000

 6D9243

 6D9243

 669234

 749252

 5F9226

 7B9260

■ 589217

■ 82926F

■ 529209

■ 88927D

■ 4E9200

■ 8F928C

■ 96929B

■ 9D92A9

■ A492B8

■ AB92C6

Harmonies

Analogous

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



978734



6D9243



329864

Triad

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



6D9243



0094CF



D06481

Complementary

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



6D9243



684392

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.



BE6BA9



6D9243



4B89D6

Square

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



6D9243



009AB4



937AC8



CD6B5B

Rectangle

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



6D9243



009B7F



937AC8



CD658F

Sweetspot

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



6D9243



AFBD9F



926843



565E4C



DEDEDE



5E5E5E

Same Dimension

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



6D9243



83BD42



469243



464A43



498A00



050A00

Inverse Universe

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



684392



7B42BD



8F4392



46434A



40008A



05000A

Previews

White Background



This preview shows how the Hex color 6D9243 looks on a white background.

Color Contrast Check

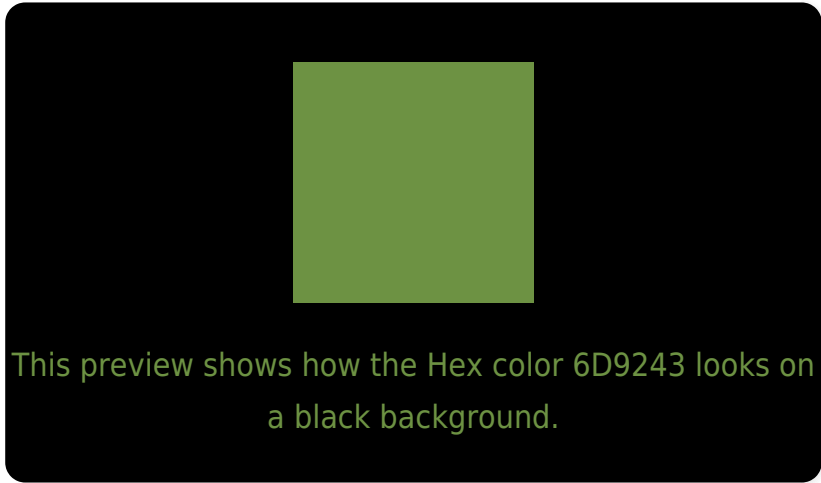
Large Text (above 18pt) WCAG AA ✓ Pass

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

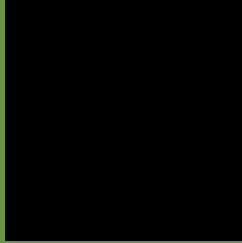
Any Text WCAG AA ✓ Pass

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 6D9243 Background



This preview shows how black text looks on a background with the Hex color 6D9243.



This preview shows how white text looks on a background with the Hex color 6D9243.

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
788994

Trichromacy



Original Color
6D9243

Protanomaly
868B40

Deuteranomaly
918746

Tritanomaly
748C77

Monochromacy



Original Color
6D9243

Achromatopsia
7E7E7E

Achromatomaly
788569

CSS Examples

Text

The CSS property to change the color of the text to Hex 6D9243 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 #6D9243 looks like.

```
.text, #text, p{  
    color:#6D9243  
}
```

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 #6D9243 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D9243
}
```

Border

The CSS property to change the border of an element to Hex 6D9243 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
#6D9243 }
```

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

```
.border{ border-color:#6D9243 }
```

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

Here you see how a box with a 4 pixel #6D9243 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D9243; -webkit-box-shadow:4px 4px  
4px 4px #6D9243; box-shadow:4px 4px 4px  
4px #6D9243 }
```

Background

The CSS property to change the background color of an element to Hex 6D9243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D9243 }
```

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

```
.background{ background-color:#6D9243 }
```

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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