

# Converting Colors

Hex(6D9203)

Have a look what the booklet for  
Hex(6D9203) contains.

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**Color**

**Hex(6D9203)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6D9203
RGB	109, 146, 3
RGB Percent	43%, 57%, 1%
CMY	0.5725, 0.4275, 0.9882
CMYK	0.25, 0.00, 0.98, 0.43
HSL	76°, 96%, 29%
HSV	76°, 98%, 57%
XYZ	16.6020, 23.8156, 3.8080
YIQ	118.6350, 23.8510, -52.3170

# Conversions

## Conversions Part 2

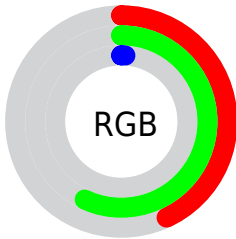
<b>Format</b>	<b>Color</b>
<b>RYB</b>	3, 146, 40
Decimal	7180803
CIELab	55.90, -30.43, 58.57
CIELCh	56, 65.998, 117.454
Yxy	23.8156, 0.3754, 0.5385
Android (android.graphics.Color)	4285370883 (0xFF6D9203)
YUV	118.6350, -57.0081, -8.4499
Hunter-Lab	48.8012, -24.6770, 29.5344

# Details

The Hex color **6D9203** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **280392**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **A4C847**, and **385F00** is the 20% darker color. If you saturate the color by 10%, you get **6C9200**, and if you desaturate by 10%, it is **719212**.

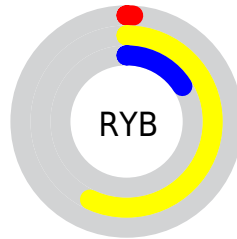
# Distribution



Red (43%)

Green (57%)

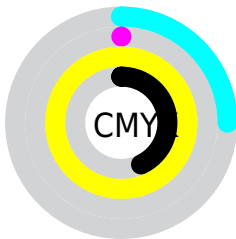
Blue (1%)



Red (1%)

Yellow (57%)

Blue (16%)

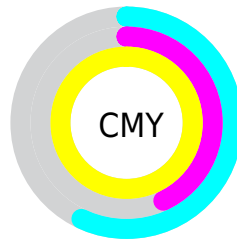


Cyan (25%)

Magenta (0%)

Yellow (98%)

Black (43%)



Cyan (57%)

Magenta (43%)

Yellow (99%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6D9203 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 6D9203 by changing the saturation by 10% instead.



 6D9203

 6D9203

FFFFFF

 527800

 A4C847

 385F00

 C1E462

 1B4700

 DEFF7D

 003000

 FBFF98

 001D00

 FFFFB4

 000000

 FFFFD1

 FFFFEE

 6D9203

 6D9203

■ 6C9200

■ 719212

■ 759220

■ 78922F

■ 7C923D

■ 80924C

■ 84925B

■ 879269

■ 8B9278

■ 8F9286

# Harmonies

## Analogous

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



A58200



6D9203



009B44

# Triad

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



6D9203



009BE6



E8498D

# Complementary

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



6D9203



280392

# 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.



C65DC5



6D9203



008EF9

# Square

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



6D9203



00A0B9



7979ED



E95155

# Rectangle

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



6D9203



009F6B



7979ED



E04DA1



# Sweetspot

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



6D9203



AFBD86



922703



565E3D



DEDEDE



5E5E5E



# Same Dimension

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



6D9203



8CBD00



279203



484A43



668A00



080A00



# Inverse Universe

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



280392



3100BD



6E0392



44434A



24008A



03000A



# Previews

## White Background



This preview shows how the Hex color 6D9203 looks on a white background.

## Color Contrast Check

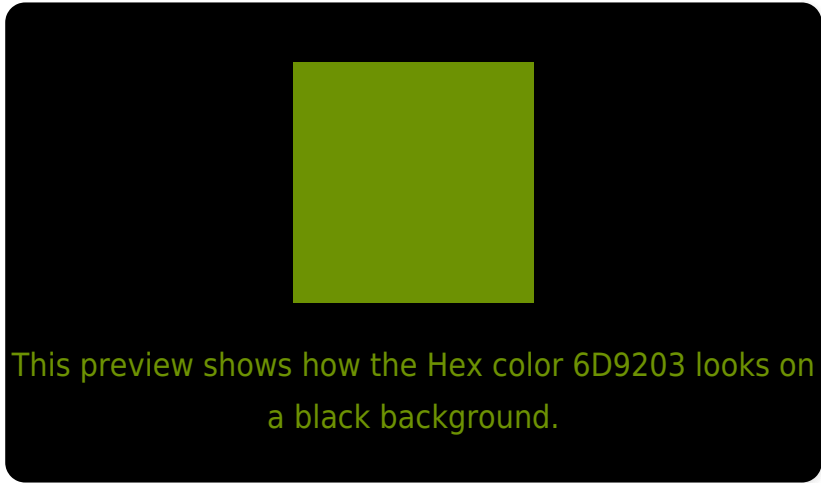
Large Text (above 18pt) WCAG AA ✓ Pass

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 6D9203 Background



This preview shows how black text looks on a background with the Hex color 6D9203.



This preview shows how white text looks on a background with the Hex color 6D9203.

# 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**  
6D9203

**Deuteranopia**  
A87F1B

**Tritanopia**  
7A8892

# Trichromacy



**Original Color**  
6D9203



**Deuteranomaly**  
938612

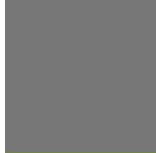


**Tritanomaly**  
758C5E

# Monochromacy



**Original Color**  
6D9203



**Achromatopsia**  
777777



**Achromatomaly**  
73814D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6D9203 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 #6D9203 looks like.

```
.text, #text, p{  
    color:#6D9203  
}
```

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 #6D9203 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D9203
}
```

## Border

The CSS property to change the border of an element to Hex 6D9203 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
#6D9203 }
```

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

```
.border{ border-color:#6D9203 }
```

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

Here you see how a box with a 4 pixel #6D9203 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D9203; -webkit-box-shadow:4px 4px  
4px 4px #6D9203; box-shadow:4px 4px 4px  
4px #6D9203 }
```

# Background

The CSS property to change the background color of an element to Hex 6D9203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D9203 }
```

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

```
.background{ background-color:#6D9203 }
```

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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