

Converting Colors

Hex(6D6B13)

Have a look what the booklet for
Hex(6D6B13) contains.

Hex(6D6B13)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(6D6B13)

Conversions

Conversions Part 1

Format	Color
Hex	6D6B13
RGB	109, 107, 19
RGB Percent	43%, 42%, 7%
CMY	0.5725, 0.5804, 0.9255
CMYK	0.00, 0.02, 0.83, 0.57
HSL	59°, 70%, 25%
HSV	59°, 83%, 43%
XYZ	11.6819, 13.8136, 2.6667
YIQ	97.5660, 29.4400, -26.9440

Conversions

Conversions Part 2

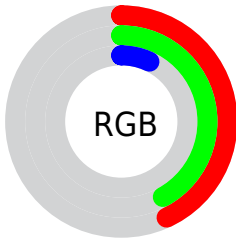
Format	Color
R_{YB}	21, 109, 19
Decimal	7170835
CIE Lab	43.96, -9.87, 45.31
CIE LCh	44, 46.369, 102.291
Yxy	13.8136, 0.4148, 0.4905
Android (android.graphics.Color)	4285360915 (0xFF6D6B13)
YUV	97.5660, -38.7330, 10.0276
Hunter-Lab	37.1667, -8.9371, 21.7627

Details

The Hex color **6D6B13** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **13156D**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **A39E47**, and **3A3C00** is the 20% darker color. If you saturate the color by 10%, you get **6D6B08**, and if you desaturate by 10%, it is **6D6B1E**.

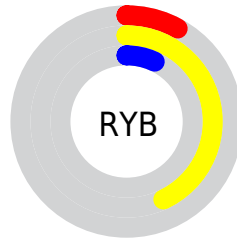
Distribution



Red (43%)

Green (42%)

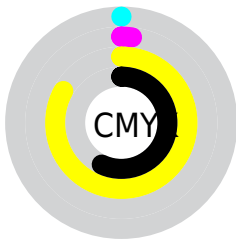
Blue (7%)



Red (8%)

Yellow (43%)

Blue (7%)

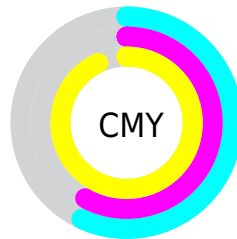


Cyan (0%)

Magenta (2%)

Yellow (83%)

Black (57%)



Cyan (57%)

Magenta (58%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6D6B13 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 6D6B13 by changing the saturation by 10% instead.



6D6B13



6D6B13

FFFFFF



535300



A39E47



3A3C00



BFB960



212600



DCD57A



001300



F9F195



000000



FFFFB0



FFFCC



FFFFE9



6D6B13



6D6B13

■ 6D6B08

■ 6D6B1E

■ 6D6B00

■ 6D6B29

■ 6D6C34

■ 6D6C3F

■ 6D6C4A

■ 6D6C54

■ 6D6D5F

■ 6D6D6A

■ 6D6D75

Harmonies

Analogous

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



8E5E1A



6D6B13



42742B

Triad

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



6D6B13



00799B



A24880

Complementary

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



6D6B13



13156D

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.



7E57A1



6D6B13



0072B1

Square

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



6D6B13



007A77



3967B3



AE445A

Rectangle

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



6D6B13



0C7842



3967B3



994C8C

Sweetspot

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



6D6B13



8F8E6B



6D1316



474732



C7C7C7



474747

Same Dimension

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



6D6B13



8F8C01



436D13



363530



757300



F5EF00

Inverse Universe

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



13156D



01058F



3D136D



303036



000375



0005F5

Previews

White Background



This preview shows how the Hex color 6D6B13 looks on a white background.

Color Contrast Check

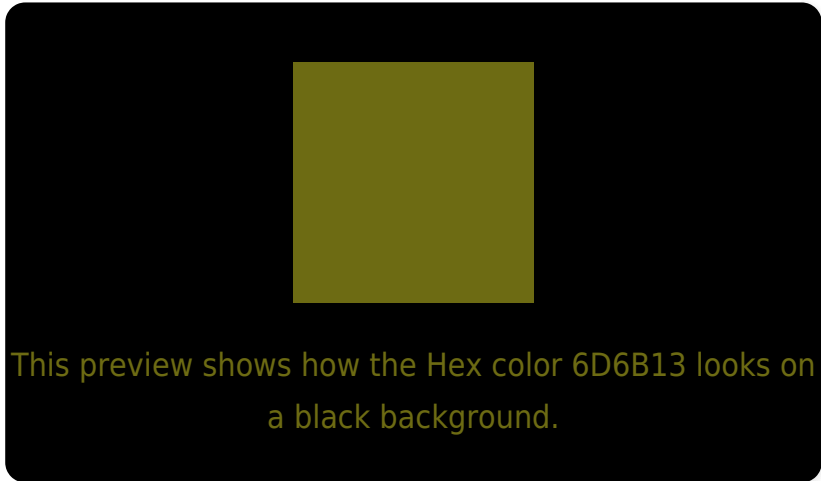
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

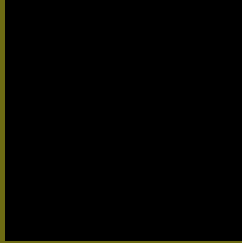
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 6D6B13 Background



This preview shows how black text looks on a background with the Hex color 6D6B13.



This preview shows how white text looks on a background with the Hex color 6D6B13.

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
6D6B13

Protanopia
756812

Deuteranopia
836318



Tritanopia
74646B

Trichromacy



Original Color
6D6B13

Protanomaly
726912

Deuteranomaly
7B6616

Tritanomaly
71674B

Monochromacy



Original Color
6D6B13

Achromatopsia
626262

Achromatomaly
666545

CSS Examples

Text

The CSS property to change the color of the text to Hex 6D6B13 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 #6D6B13 looks like.

```
.text, #text, p{  
    color:#6D6B13  
}
```

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 #6D6B13 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D6B13
}
```

Border

The CSS property to change the border of an element to Hex 6D6B13 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
#6D6B13 }
```

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

```
.border{ border-color:#6D6B13 }
```

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

Here you see how a box with a 4 pixel #6D6B13 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D6B13; -webkit-box-shadow:4px 4px  
4px 4px #6D6B13; box-shadow:4px 4px 4px  
4px #6D6B13 }
```

Background

The CSS property to change the background color of an element to Hex 6D6B13 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D6B13 }
```

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

```
.background{ background-color:#6D6B13 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor