

Converting Colors

Hex(6A6318)

Have a look what the booklet for
Hex(6A6318) contains.

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Color

Hex(6A6318)

Conversions

Conversions Part 1

Format	Color
Hex	6A6318
RGB	106, 99, 24
RGB Percent	42%, 39%, 9%
CMY	0.5843, 0.6118, 0.9059
CMYK	0.00, 0.07, 0.77, 0.58
HSL	55°, 63%, 25%
HSV	55°, 77%, 42%
XYZ	10.5706, 12.0538, 2.6336
YIQ	92.5430, 28.2470, -21.8410

Conversions

Conversions Part 2

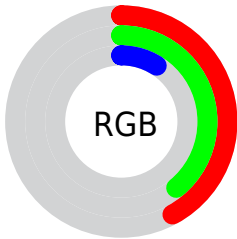
Format	Color
R_{YB}	32, 106, 24
Decimal	6972184
CIE _{Lab}	41.30, -6.54, 40.96
CIE _{LCh}	41, 41.475, 99.073
Yxy	12.0538, 0.4185, 0.4772
Android (android.graphics.Color)	4285162264 (0xFF6A6318)
YUV	92.5430, -33.7917, 11.8018
Hunter-Lab	34.7186, -6.4106, 19.8055

Details

The Hex color **6A6318** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **181F6A**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **A0954A**, and **383500** is the 20% darker color. If you saturate the color by 10%, you get **6A620D**, and if you desaturate by 10%, it is **6A6423**.

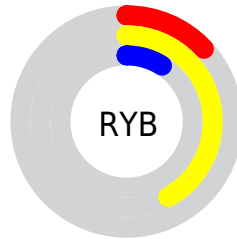
Distribution



Red (42%)

Green (39%)

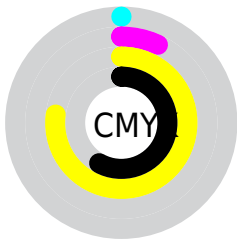
Blue (9%)



Red (13%)

Yellow (42%)

Blue (9%)

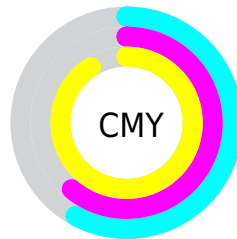


Cyan (0%)

Magenta (7%)

Yellow (77%)

Black (58%)



Cyan (58%)

Magenta (61%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6A6318 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 6A6318 by changing the saturation by 10% instead.



6A6318



6A6318

FFFFFF



504B00



A0954A



383500



BCB063



1F2000



D8CB7C



000900



F5E897



000000



FFFFB2



FFFCE



FFFEEA



6A6318



6A6318

■ 6A620D

■ 6A6423

■ 6A6103

■ 6A652D

■ 6A6100

■ 6A6638

■ 6A6742

■ 6A684D

■ 6A6858

■ 6A6962

■ 6A6A6D

■ 6A6B77

Harmonies

Analogous

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



875720



6A6318



456B29

Triad

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



6A6318



00718B



93477A

Complementary

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



6A6318



181F6A

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.



715497



6A6318



006CA1

Square

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



6A6318



00726B



3162A5



A04258

Rectangle

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



6A6318



226F3D



3162A5



8A4B85

Sweetspot

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



6A6318



8A876A



6A1820



454332



C4C4C4



454545

Same Dimension

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



6A6318



8A7F0A



496A18



363530



756B00



F5E000

Inverse Universe

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



181F6A



0A158A



39186A



303136



000A75



0015F5

Previews

White Background



This preview shows how the Hex color 6A6318 looks on a white background.

Color Contrast Check

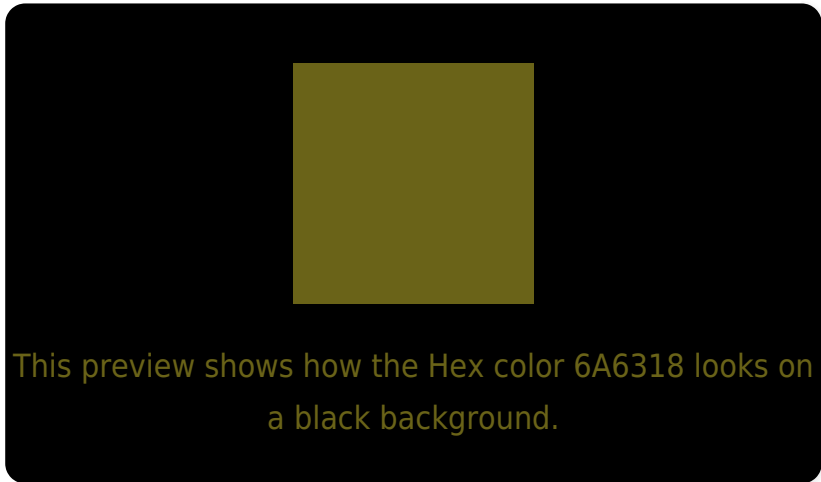
Large Text (above 18pt) WCAG AA ✓ Pass

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

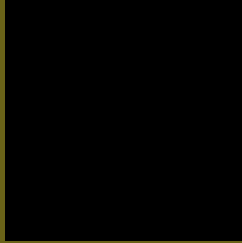
Any Text WCAG AA × Fail

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 6A6318 Background



This preview shows how black text looks on a background with the Hex color 6A6318.



This preview shows how white text looks on a background with the Hex color 6A6318.

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](#).

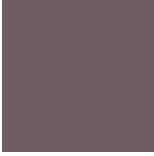
Dichromacy



Original Color
6A6318

Protanopia
6E6218

Deuteranopia
7A5D1B



Tritanopia
705C63

Trichromacy



Original Color
6A6318

Protanomaly
6D6218

Deuteranomaly
745F1A

Tritanomaly
6E5F48

Monochromacy



Original Color
6A6318

Achromatopsia
5D5D5D

Achromatomaly
625F44

CSS Examples

Text

The CSS property to change the color of the text to Hex 6A6318 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 #6A6318 looks like.

```
.text, #text, p{  
    color:#6A6318  
}
```

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 #6A6318 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A6318
}
```

Border

The CSS property to change the border of an element to Hex 6A6318 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
#6A6318 }
```

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

```
.border{ border-color:#6A6318 }
```

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

Here you see how a box with a 4 pixel #6A6318 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A6318; -webkit-box-shadow:4px 4px  
4px 4px #6A6318; box-shadow:4px 4px 4px  
4px #6A6318 }
```

Background

The CSS property to change the background color of an element to Hex 6A6318 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A6318 }
```

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

```
.background{ background-color:#6A6318 }
```

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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