

Converting Colors

Hex(6A6F15)

Have a look what the booklet for
Hex(6A6F15) contains.

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Color

Hex(6A6F15)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 6A6F15 |
| RGB | 106, 111, 21 |
| RGB Percent | 42%, 44%, 8% |
| CMY | 0.5843, 0.5647, 0.9176 |
| CMYK | 0.05, 0.00, 0.81, 0.56 |
| HSL | 63°, 68%, 26% |
| HSV | 63°, 81%, 44% |
| XYZ | 11.7637, 14.4872, 2.8858 |
| YIQ | 99.2450, 25.9100, -29.0500 |

Conversions

Conversions Part 2

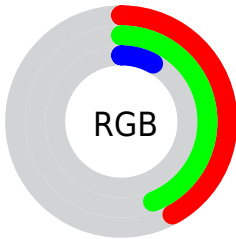
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 21, 111, 26 |
| Decimal | 6975253 |
| CIE _{Lab} | 44.92, -13.43, 45.41 |
| CIE _{LCh} | 45, 47.354, 106.472 |
| Yxy | 14.4872, 0.4037, 0.4972 |
| Android (android.graphics.Color) | 4285165333 (0xFF6A6F15) |
| YUV | 99.2450, -38.5748, 5.9241 |
| Hunter-Lab | 38.0620, -11.4404, 22.1482 |

Details

The Hex color **6A6F15** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **1A156F**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **A0A249**, and **383F00** is the 20% darker color. If you saturate the color by 10%, you get **696F0A**, and if you desaturate by 10%, it is **6B6F20**.

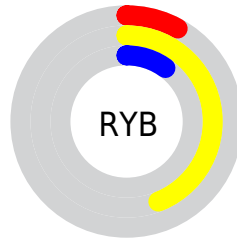
Distribution



Red (42%)

Green (44%)

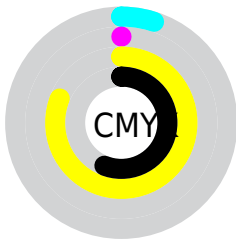
Blue (8%)



Red (8%)

Yellow (44%)

Blue (10%)

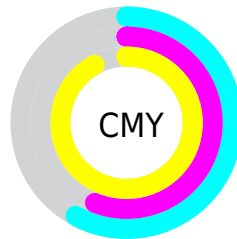


Cyan (5%)

Magenta (0%)

Yellow (81%)

Black (56%)



Cyan (58%)

Magenta (56%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6A6F15 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 6A6F15 by changing the saturation by 10% instead.



6A6F15



6A6F15

FFFFFF



505700



A0A249



383F00



BCBD62



1E2A00



D8D97D



001700



F6F697



000000



FFFFB3



FFFFCF



FFFFEB



6A6F15



6A6F15

■ 696F0A

■ 6B6F20

■ 696F00

■ 6B6F2B

■ 6C6F36

■ 6C6F41

■ 6D6F4D

■ 6E6F58

■ 6E6F63

■ 6F6F6E

■ 706F79

Harmonies

Analogous

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



8E6217



6A6F15



3C7831

Triad

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



6A6F15



007BA3



A9487E

Complementary

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



6A6F15



1A156F

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.



8856A1



6A6F15



0074B7

Square

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



6A6F15



007D7F



4867B6



B24656

Rectangle

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



6A6F15



007B49



4867B6



A14C8B

Sweetspot

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



6A6F15



8F916E



6F1915



494A35



C9C9C9



4A4A4A

Same Dimension

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



6A6F15



8A9104



3D6F15



383832



717800



EAF700

Inverse Universe

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



1A156F



0C0491



46156F



333238



070078



0E00F7

Previews

White Background



This preview shows how the Hex color 6A6F15 looks on a white background.

Color Contrast Check

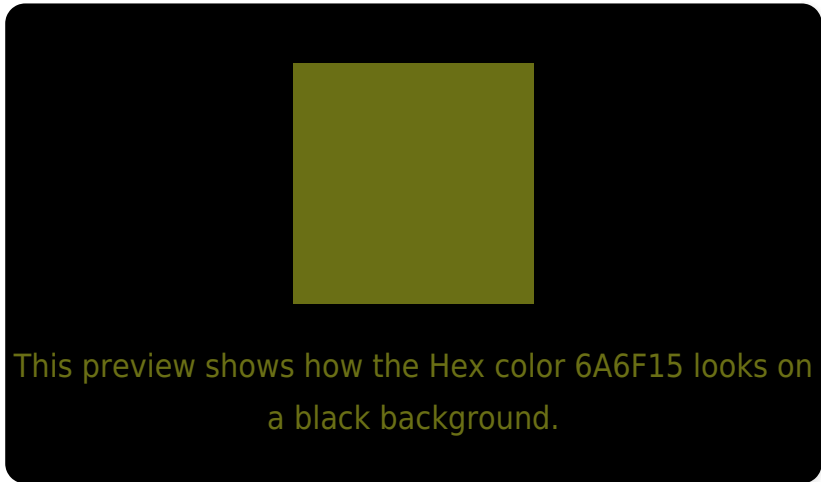
Large Text (above 18pt) WCAG AA ✓ Pass

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

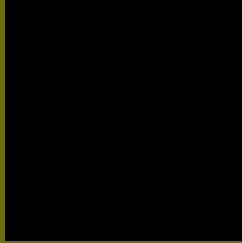
Any Text WCAG AA × Fail

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 6A6F15 Background



This preview shows how black text looks on a background with the Hex color 6A6F15.



This preview shows how white text looks on a background with the Hex color 6A6F15.

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
6A6F15

Protanopia
786B14

Deuteranopia
86651B



Tritanopia
72676F

Trichromacy



Original Color
6A6F15

Protanomaly
736C14

Deuteranomaly
7C6919

Tritanomaly
6F6A4E

Monochromacy



Original Color
6A6F15

Achromatopsia
636363

Achromatomaly
666747

CSS Examples

Text

The CSS property to change the color of the text to Hex 6A6F15 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 #6A6F15 looks like.

```
.text, #text, p{  
    color:#6A6F15  
}
```

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 #6A6F15 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A6F15
}
```

Border

The CSS property to change the border of an element to Hex 6A6F15 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
#6A6F15 }
```

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

```
.border{ border-color:#6A6F15 }
```

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

Here you see how a box with a 4 pixel #6A6F15 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A6F15; -webkit-box-shadow:4px 4px  
4px 4px #6A6F15; box-shadow:4px 4px 4px  
4px #6A6F15 }
```

Background

The CSS property to change the background color of an element to Hex 6A6F15 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A6F15 }
```

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

```
.background{ background-color:#6A6F15 }
```

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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