

Converting Colors

Hex(5A6F15)

Have a look what the booklet for
Hex(5A6F15) contains.

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Color

Hex(5A6F15)

Conversions

Conversions Part 1

Format	Color
Hex	5A6F15
RGB	90, 111, 21
RGB Percent	35%, 44%, 8%
CMY	0.6471, 0.5647, 0.9176
CMYK	0.19, 0.00, 0.81, 0.56
HSL	74°, 68%, 26%
HSV	74°, 81%, 44%
XYZ	10.0362, 13.5967, 2.8049
YIQ	94.4610, 16.3740, -32.4420

Conversions

Conversions Part 2

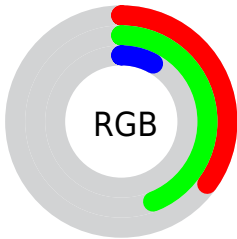
Format	Color
R_{YB}	21, 111, 42
Decimal	5926677
CIE _{Lab}	43.65, -20.78, 43.78
CIE _{LCh}	44, 48.457, 115.393
Yxy	13.5967, 0.3796, 0.5143
Android (android.graphics.Color)	4284116757 (0xFF5A6F15)
YUV	94.4610, -36.2163, -3.9123
Hunter-Lab	36.8737, -15.9450, 21.3015

Details

The Hex color **5A6F15** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **2A156F**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **8FA349**, and **293F00** is the 20% darker color. If you saturate the color by 10%, you get **576F0A**, and if you desaturate by 10%, it is **5D6F20**.

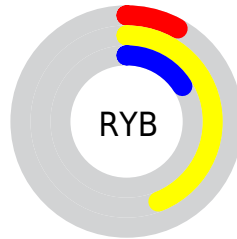
Distribution



Red (35%)

Green (44%)

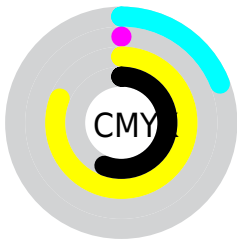
Blue (8%)



Red (8%)

Yellow (44%)

Blue (16%)

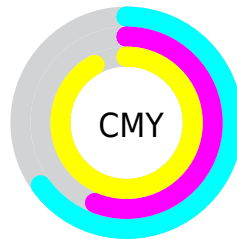


Cyan (19%)

Magenta (0%)

Yellow (81%)

Black (56%)



Cyan (65%)

Magenta (56%)

Yellow (92%)

Brightness & Saturation Gradients


These gradients show how the Hex color 5A6F15 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 5A6F15 by changing the saturation by 10% instead.

 5A6F15

 5A6F15

FFFFFF

 415700

 8FA349

 293F00

 AABE62

 0E2900

 C6DA7C

 001500

 E3F697

 000000

 FFFFB2

 FFFFCE

 FFFFEB

 5A6F15

 5A6F15

■ 576F0A

■ 5D6F20

■ 556F00

■ 5F6F2B

■ 626F36

■ 646F41

■ 676F4D

■ 6A6F58

■ 6C6F63

■ 6F6F6E

■ 716F79

Harmonies

Analogous

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



81630A



5A6F15



207637

Triad

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



5A6F15



0076A9



AC406F

Complementary

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



5A6F15



2A156F

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.



924D95



5A6F15



006EB7

Square

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



5A6F15



007A88



5C5FB0



AE4447

Rectangle

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



5A6F15



007951



5C5FB0



A6437D

Sweetspot

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



5A6F15



89916E



6F2A15



454A35



C9C9C9



4A4A4A

Same Dimension

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



5A6F15



709104



2D6F15



373832



5C7800



BEF700

Inverse Universe

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



2A156F



250491



57156F



343238



1C0078



3A00F7

Previews

White Background



This preview shows how the Hex color 5A6F15 looks on a white background.

Color Contrast Check

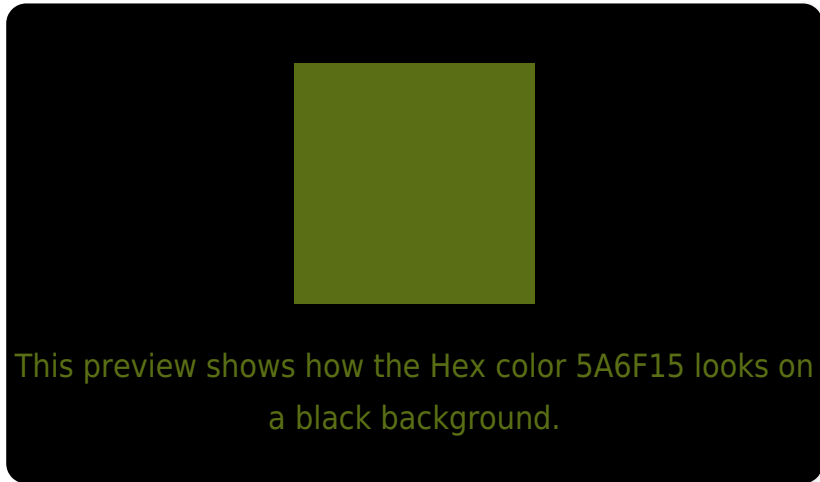
Large Text (above 18pt) WCAG AA ✓ Pass

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

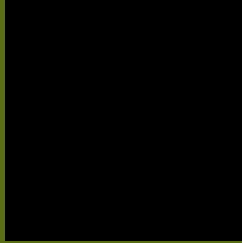
Any Text WCAG AA × Fail

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 5A6F15 Background



This preview shows how black text looks on a background with the Hex color 5A6F15.



This preview shows how white text looks on a background with the Hex color 5A6F15.

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
5A6F15

Protanopia
746713

Deuteranopia
81621C



Tritanopia
636770

Trichromacy



Original Color
5A6F15

Protanomaly
6B6A14

Deuteranomaly
736719

Tritanomaly
606A4F

Monochromacy



Original Color
5A6F15

Achromatopsia
5E5E5E

Achromatomaly
5D6443

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A6F15 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 #5A6F15 looks like.

```
.text, #text, p{  
    color:#5A6F15  
}
```

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 #5A6F15 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A6F15
}
```

Border

The CSS property to change the border of an element to Hex 5A6F15 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
#5A6F15 }
```

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

```
.border{ border-color:#5A6F15 }
```

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

Here you see how a box with a 4 pixel #5A6F15 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A6F15; -webkit-box-shadow:4px 4px  
4px 4px #5A6F15; box-shadow:4px 4px 4px  
4px #5A6F15 }
```

Background

The CSS property to change the background color of an element to Hex 5A6F15 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A6F15 }
```

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

```
.background{ background-color:#5A6F15 }
```

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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