

Converting Colors

Hex(6BA628)

Have a look what the booklet for
Hex(6BA628) contains.

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Color

Hex(6BA628)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 6BA628 |
| RGB | 107, 166, 40 |
| RGB Percent | 42%, 65%, 16% |
| CMY | 0.5804, 0.3490, 0.8431 |
| CMYK | 0.36, 0.00, 0.76, 0.35 |
| HSL | 88°, 61%, 40% |
| HSV | 88°, 76%, 65% |
| XYZ | 20.0826, 30.5514, 6.8460 |
| YIQ | 133.9950, 5.2820, -51.6940 |

Conversions

Conversions Part 2

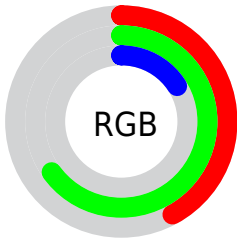
| Format | Color |
|-------------------------------------|--|
| RYB | 40, 166, 99 |
| Decimal | 7054888 |
| CIELab | 62.13, -38.95, 55.17 |
| CIELCh | 62, 67.537, 125.221 |
| Yxy | 30.5514, 0.3494, 0.5315 |
| Android (android.graphics.Color) | 4285244968 (0xFF6BA628) |
| YUV | 133.9950, -46.3395, -23.6746 |
| Hunter-Lab | 55.2734, -31.8735, 31.3478 |

Details

The Hex color **6BA628** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **6328A6**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **A3DD5F**, and **347200** is the 20% darker color. If you saturate the color by 10%, you get **63A617**, and if you desaturate by 10%, it is **73A639**.

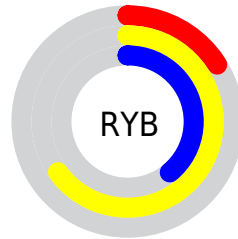
Distribution



Red (42%)

Green (65%)

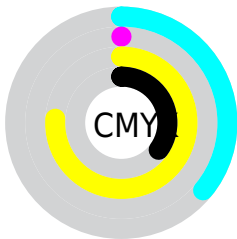
Blue (16%)



Red (16%)

Yellow (65%)

Blue (39%)

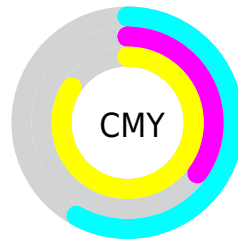


Cyan (36%)

Magenta (0%)

Yellow (76%)

Black (35%)



Cyan (58%)

Magenta (35%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6BA628 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 6BA628 by changing the saturation by 10% instead.

 6BA628

 6BA628

FFFFFF

 508B01

 A3DD5F

 347200

 BFFA7A

 165800

 DCFF95

 004100

 FAFFB1

 002A00

 FFFFCD

 000E00

 FFFFEA

 000000

 6BA628

 6BA628

 63A617

 73A639

 5BA607

 7BA649

 58A600

 82A65A

 8AA66A

 92A67B

 9AA68C

 A1A69C

 A9A6AD

 B1A6BD

Harmonies

Analogous

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



AA9700



6BA628



00AE61

Triad

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



6BA628



00A AFF



FF598E

Complementary

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



6BA628



6328A6

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.



E666CA



6BA628



009AFF

Square

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



6BA628



00B1DA



A481F9



FA6754

Rectangle

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



6BA628



00B18A



A481F9



FB5AA2

Sweetspot

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



6BA628



C1D9A7



A66328



5F6E4F



EDEDED



6E6E6E

Same Dimension

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



6BA628



7CD914



2CA628



50544C



4F9400



0B1400

Inverse Universe

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



6328A6



7014D9



A228A6



504C54



450094



0A0014

Previews

White Background



This preview shows how the Hex color 6BA628 looks on a white background.

Color Contrast Check

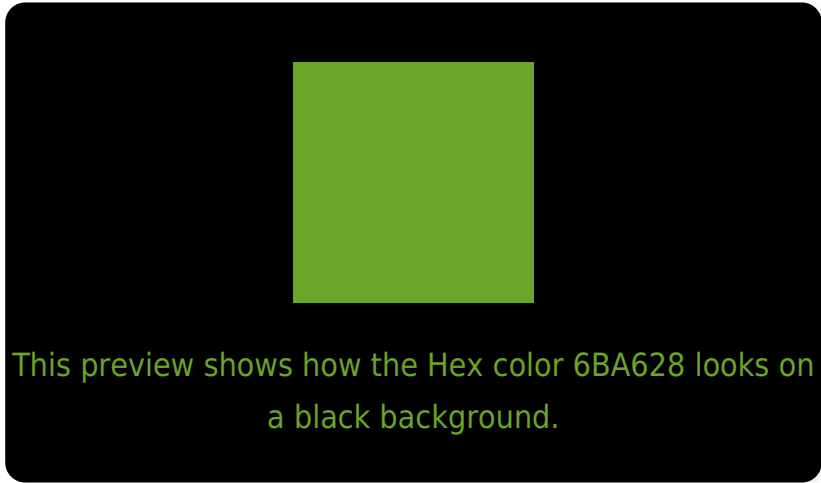
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

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

Hex 6BA628 Background



This preview shows how black text looks on a background with the Hex color 6BA628.



This preview shows how white text looks on a background with the Hex color 6BA628.

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
6BA628

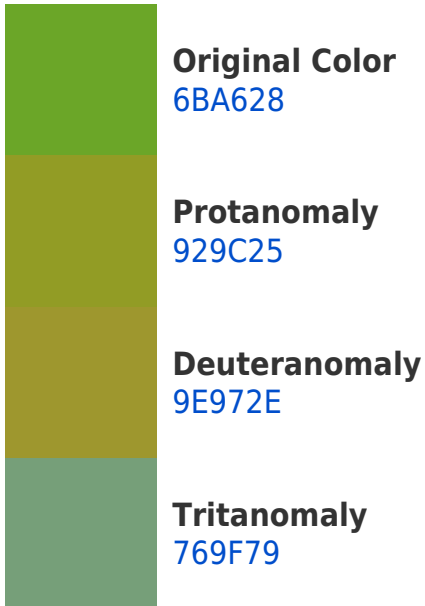
Protanopia
A89624

Deuteranopia
BB8E32



Tritanopia
7C9BA7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6BA628 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 #6BA628 looks like.

```
.text, #text, p{  
    color:#6BA628  
}
```

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 #6BA628 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6BA628  
}
```

Border

The CSS property to change the border of an element to Hex 6BA628 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  
#6BA628 }
```

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

```
.border{ border-color:#6BA628 }
```

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

Here you see how a box with a 4 pixel #6BA628 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6BA628; -webkit-box-shadow:4px 4px  
4px 4px #6BA628; box-shadow:4px 4px 4px  
4px #6BA628 }
```

Background

The CSS property to change the background color of an element to Hex 6BA628 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6BA628 }
```

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

```
.background{ background-color:#6BA628 }
```

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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