

Converting Colors

Hex(656A00)

Have a look what the booklet for
Hex(656A00) contains.

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Color

Hex(656A00)

Conversions

Conversions Part 1

Format	Color
Hex	656A00
RGB	101, 106, 0
RGB Percent	40%, 42%, 0%
CMY	0.6039, 0.5843, 1.0000
CMYK	0.05, 0.00, 1.00, 0.58
HSL	63°, 100%, 21%
HSV	63°, 100%, 42%
XYZ	10.5209, 13.0748, 1.9692
YIQ	92.4210, 31.0460, -34.0260

Conversions

Conversions Part 2

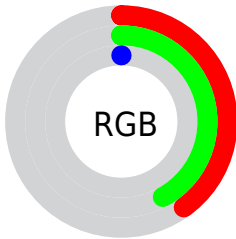
Format	Color
RYB	0, 106, 5
Decimal	6646272
CIELab	42.88, -13.70, 49.01
CIELCh	43, 50.892, 105.620
Yxy	13.0748, 0.4115, 0.5114
Android (android.graphics.Color)	4284836352 (0xFF656A00)
YUV	92.4210, -45.5636, 7.5238
Hunter-Lab	36.1591, -11.3419, 22.0825

Details

The Hex color **656A00** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **05006A**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **9B9D3C**, and **323B00** is the 20% darker color. If you saturate the color by 10%, you get **656A00**, and if you desaturate by 10%, it is **666A0B**.

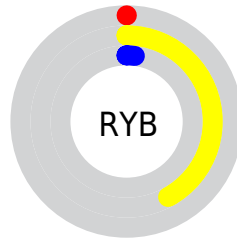
Distribution



Red (40%)

Green (42%)

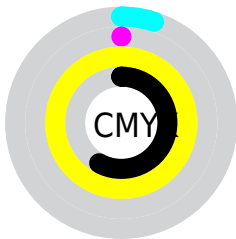
Blue (0%)



Red (0%)

Yellow (42%)

Blue (2%)

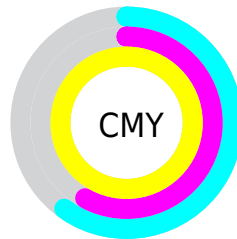


Cyan (5%)

Magenta (0%)

Yellow (100%)

Black (58%)



Cyan (60%)

Magenta (58%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 656A00 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 656A00 by changing the saturation by 10% instead.

 656A00

 656A00

 FFFFFFFB

 4B5200

 9B9D3C

 323B00

 B7B856

 192500

 D4D370

 001200

 F1F08A

 000000

 FFFFA5

 FFFC1

 FFFFDE

 656A00

 666A0B

 666A15

 676A20

 676A2A

 686A35

 686A40

 696A4A

 696A55

 6A6A5F

Harmonies

Analogous

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



8A5C06



656A00



337325

Triad

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



656A00



0077A1



A73E7B

Complementary

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



656A00



05006A

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.



8350A1



656A00



0070B7

Square

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



656A00



00797B



3863B7



B13C51

Rectangle

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



656A00



007641



3863B7



9E4389

Sweetspot

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



656A00



888A60



6A0400



44452C



C4C4C4



454545

Same Dimension

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



656A00



838A00



316A00



353630



707500



E9F500

Inverse Universe

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



05006A



06008A



39006A



303036



060075



0C00F5

Previews

White Background



This preview shows how the Hex color 656A00 looks on a white background.

Color Contrast Check

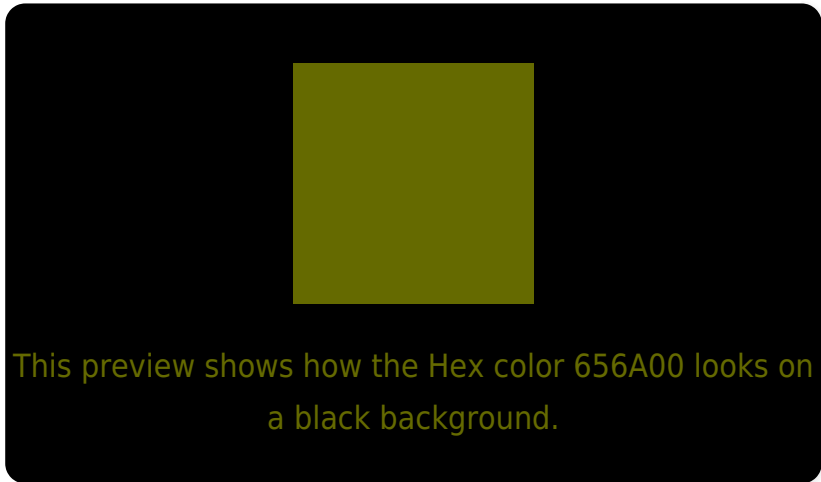
Large Text (above 18pt) WCAG AA ✓ Pass

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 656A00 Background



This preview shows how black text looks on a background with the Hex color 656A00.



This preview shows how white text looks on a background with the Hex color 656A00.

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](#).

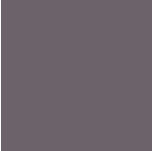
Dichromacy



Original Color
656A00

Protanopia
726600

Deuteranopia
806011



Tritanopia
6C636A

Trichromacy



Original Color
656A00

Protanomaly
6D6700

Deuteranomaly
76640B

Tritanomaly
696643

Monochromacy



Original Color
656A00

Achromatopsia
5C5C5C

Achromatomaly
5F613B

CSS Examples

Text

The CSS property to change the color of the text to Hex 656A00 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 #656A00 looks like.

```
.text, #text, p{  
    color:#656A00  
}
```

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 #656A00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #656A00
}
```

Border

The CSS property to change the border of an element to Hex 656A00 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
#656A00 }
```

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

```
.border{ border-color:#656A00 }
```

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

Here you see how a box with a 4 pixel #656A00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #656A00; -webkit-box-shadow:4px 4px  
4px 4px #656A00; box-shadow:4px 4px 4px  
4px #656A00 }
```

Background

The CSS property to change the background color of an element to Hex 656A00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#656A00 }
```

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

```
.background{ background-color:#656A00 }
```

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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