

Converting Colors

Hex(668E15)

Have a look what the booklet for
Hex(668E15) contains.

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Color

Hex(668E15)

Conversions

Conversions Part 1

Format	Color
Hex	668E15
RGB	102, 142, 21
RGB Percent	40%, 56%, 8%
CMY	0.6000, 0.4431, 0.9176
CMYK	0.28, 0.00, 0.85, 0.44
HSL	80°, 74%, 32%
HSV	80°, 85%, 56%
XYZ	15.2878, 22.2249, 4.1936
YIQ	116.2460, 15.0010, -46.1110

Conversions

Conversions Part 2

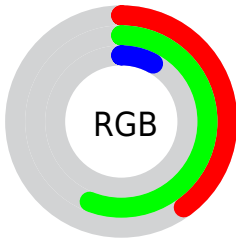
Format	Color
R_{YB}	21, 142, 61
Decimal	6721045
CIE Lab	54.26, -30.95, 53.60
CIE LCh	54, 61.897, 119.998
Yxy	22.2249, 0.3666, 0.5329
Android (android.graphics.Color)	428491125 (0xFF668E15)
YUV	116.2460, -46.9563, -12.4937
Hunter-Lab	47.1433, -24.6160, 27.7263

Details

The Hex color **668E15** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **3D158E**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **9DC44E**, and **315B00** is the 20% darker color. If you saturate the color by 10%, you get **618E07**, and if you desaturate by 10%, it is **6B8E23**.

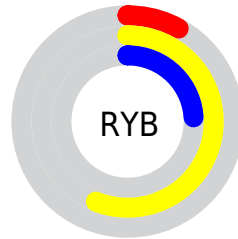
Distribution



Red (40%)

Green (56%)

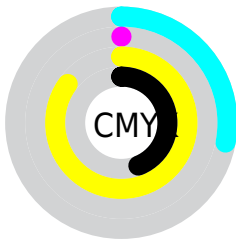
Blue (8%)



Red (8%)

Yellow (56%)

Blue (24%)

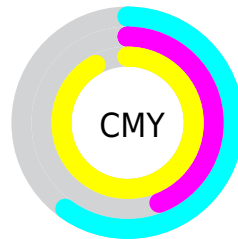


Cyan (28%)

Magenta (0%)

Yellow (85%)

Black (44%)



Cyan (60%)

Magenta (44%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color 668E15 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 668E15 by changing the saturation by 10% instead.


 668E15

 668E15

FFFFFF

 4B7400

 9DC44E

 315B00

 B9E068

 144400

 D5FD83

 002D00

 F3FF9F

 001800

 FFFFBA

 000000

 FFFFD7

 FFFFF4

 668E15

 668E15

■ 618E07

■ 6B8E23

■ 5F8E00

■ 6F8E31

■ 748E40

■ 798E4E

■ 7D8E5C

■ 828E6A

■ 878E78

■ 8C8E87

■ 908E95

Harmonies

Analogous

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



9B7F00



668E15



009649

Triad

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



668E15



0095DE



DE4A84

Complementary

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



668E15



3D158E

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.



C15AB8



668E15



0088ED

Square

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



668E15



009AB6



7F73DF



DD5350

Rectangle

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



668E15



00996D



7F73DF



D84D96

Sweetspot

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



668E15



A8B888



8E3B15



525C3F



DBDBDB



5C5C5C

Same Dimension

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



668E15



7BB800



2B8E15



454740



5A8700



050800

Inverse Universe

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



3D158E



3D00B8



78158E



434047



2D0087



030008

Previews

White Background



This preview shows how the Hex color 668E15 looks on a white background.

Color Contrast Check

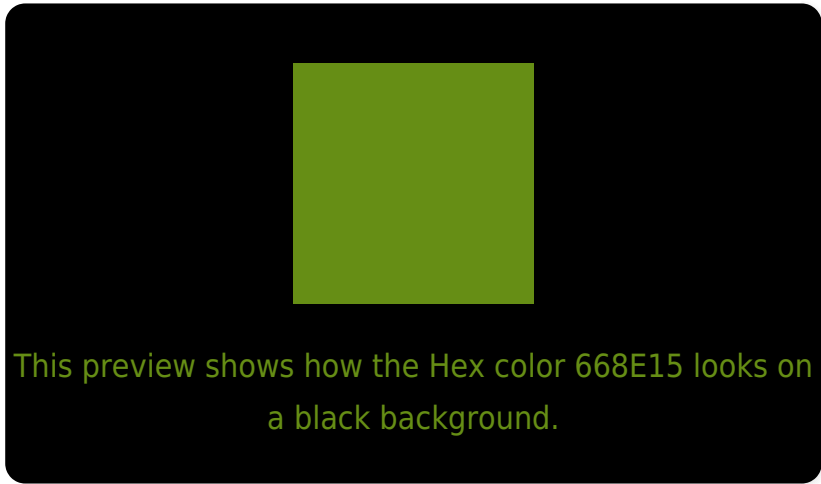
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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 × Fail

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

Hex 668E15 Background



This preview shows how black text looks on a background with the Hex color 668E15.



This preview shows how white text looks on a background with the Hex color 668E15.

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](#).

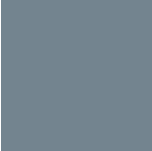
Dichromacy



Original Color
668E15

Protanopia
928211

Deuteranopia
A37B21



Tritanopia
73848F

Trichromacy



Original Color
668E15

Protanomaly
828612

Deuteranomaly
8D821D

Tritanomaly
6E8863

Monochromacy



Original Color
668E15

Achromatopsia
747474

Achromatomaly
6F7D51

CSS Examples

Text

The CSS property to change the color of the text to Hex 668E15 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 #668E15 looks like.

```
.text, #text, p{  
    color:#668E15  
}
```

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 #668E15 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #668E15
}
```

Border

The CSS property to change the border of an element to Hex 668E15 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
#668E15 }
```

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

```
.border{ border-color:#668E15 }
```

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

Here you see how a box with a 4 pixel #668E15 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #668E15; -webkit-box-shadow:4px 4px  
4px 4px #668E15; box-shadow:4px 4px 4px  
4px #668E15 }
```

Background

The CSS property to change the background color of an element to Hex 668E15 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#668E15 }
```

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

```
.background{ background-color:#668E15 }
```

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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