

Converting Colors

Hex(789F15)

Have a look what the booklet for
Hex(789F15) contains.

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Color

Hex(789F15)

Conversions

Conversions Part 1

Format	Color
Hex	789F15
RGB	120, 159, 21
RGB Percent	47%, 62%, 8%
CMY	0.5294, 0.3765, 0.9176
CMYK	0.25, 0.00, 0.87, 0.38
HSL	77°, 77%, 35%
HSV	77°, 87%, 62%
XYZ	20.2792, 28.8435, 5.2080
YIQ	131.6070, 21.0540, -51.1860

Conversions

Conversions Part 2

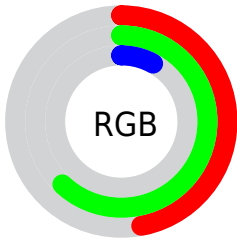
Format	Color
R_{YB}	21, 159, 60
Decimal	7905045
CIE _{Lab}	60.64, -31.59, 59.54
CIE _{LCh}	61, 67.403, 117.944
Yxy	28.8435, 0.3733, 0.5309
Android (android.graphics.Color)	4286095125 (0xFF789F15)
YUV	131.6070, -54.5293, -10.1793
Hunter-Lab	53.7061, -26.5848, 31.8448

Details

The Hex color **789F15** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **3C159F**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **B0D651**, and **426B00** is the 20% darker color. If you saturate the color by 10%, you get **749F05**, and if you desaturate by 10%, it is **7C9F25**.

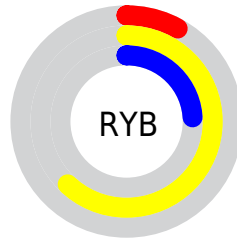
Distribution



Red (47%)

Green (62%)

Blue (8%)



Red (8%)

Yellow (62%)

Blue (24%)

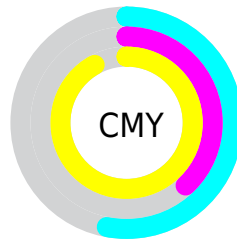


Cyan (25%)

Magenta (0%)

Yellow (87%)

Black (38%)



Cyan (53%)

Magenta (38%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color 789F15 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 789F15 by changing the saturation by 10% instead.



789F15



789F15

FFFFFF



5D8500



B0D651



426B00



CDF26C



275300



EAFF88



043B00



FFFFA3



002600



FFFFC0



000400



FFFFDC



000000



FFFFFFA



789F15



789F15

■ 749F05

■ 7C9F25

■ 729F00

■ 819F35

■ 859F45

■ 8A9F55

■ 8E9F65

■ 939F74

■ 979F84

■ 9C9F94

■ A09FA4

Harmonies

Analogous

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



B28E00



789F15



00A94F

Triad

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



789F15



00A8F7



F85599

Complementary

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



789F15



3C159F

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.



D568D2



789F15



009BFF

Square

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



789F15



00ADC9



8884FC



F95D5E

Rectangle

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



789F15



00AC77



8884FC



F159AD

Sweetspot

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



789F15



BFCF99



9F3A15



5F6948



E8E8E8



696969

Same Dimension

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



789F15



94CF00



359F15



4D4F47



668F00



0B0F00

Inverse Universe

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



3C159F



3A00CF



7F159F



49474F



28008F



04000F

Previews

White Background



This preview shows how the Hex color 789F15 looks on a white background.

Color Contrast Check

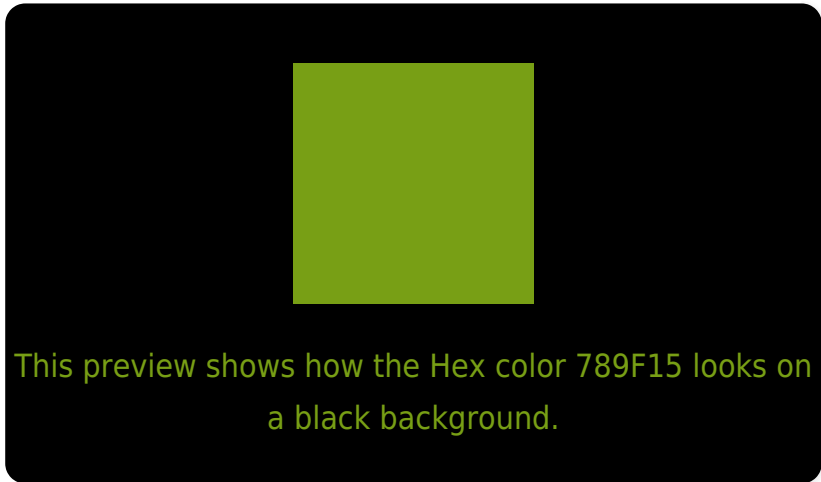
Large Text (above 18pt) WCAG AA ✓ Pass

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 789F15 Background



This preview shows how black text looks on a background with the Hex color 789F15.



This preview shows how white text looks on a background with the Hex color 789F15.

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
789F15

Protanopia
A49211

Deuteranopia
B78A23



Tritanopia
8694A0

Trichromacy



Original Color
789F15

Protanomaly
949712

Deuteranomaly
A0921E

Tritanomaly
81986D

Monochromacy



Original Color
789F15

Achromatopsia
848484

Achromatomaly
808E5C

CSS Examples

Text

The CSS property to change the color of the text to Hex 789F15 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 #789F15 looks like.

```
.text, #text, p{  
    color:#789F15  
}
```

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 #789F15 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #789F15
}
```

Border

The CSS property to change the border of an element to Hex 789F15 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
#789F15 }
```

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

```
.border{ border-color:#789F15 }
```

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

Here you see how a box with a 4 pixel #789F15 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #789F15; -webkit-box-shadow:4px 4px  
4px 4px #789F15; box-shadow:4px 4px 4px  
4px #789F15 }
```

Background

The CSS property to change the background color of an element to Hex 789F15 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#789F15 }
```

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

```
.background{ background-color:#789F15 }
```

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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