

Converting Colors

Hex(78A215)

Have a look what the booklet for
Hex(78A215) contains.

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Color

Hex(78A215)

Conversions

Conversions Part 1

Format	Color
Hex	78A215
RGB	120, 162, 21
RGB Percent	47%, 64%, 8%
CMY	0.5294, 0.3647, 0.9176
CMYK	0.26, 0.00, 0.87, 0.36
HSL	78°, 77%, 36%
HSV	78°, 87%, 64%
XYZ	20.8014, 29.8879, 5.3821
YIQ	133.3680, 20.2290, -52.7550

Conversions

Conversions Part 2

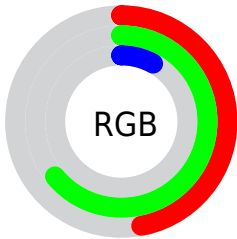
Format	Color
R_{YB}	21, 162, 63
Decimal	7905813
CIE Lab	61.56, -32.98, 60.32
CIE LCh	62, 68.749, 118.670
Yxy	29.8879, 0.3710, 0.5330
Android (android.graphics.Color)	4286095893 (0xFF78A215)
YUV	133.3680, -55.3974, -11.7237
Hunter-Lab	54.6698, -27.7544, 32.4320

Details

The Hex color **78A215** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **3F15A2**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **B0D952**, and **416E00** is the 20% darker color. If you saturate the color by 10%, you get **73A205**, and if you desaturate by 10%, it is **7DA225**.

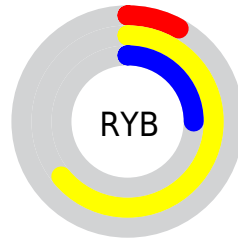
Distribution



Red (47%)

Green (64%)

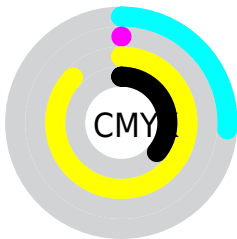
Blue (8%)



Red (8%)

Yellow (64%)

Blue (25%)

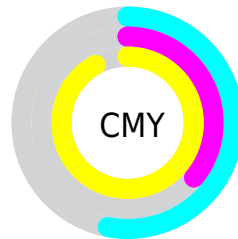


Cyan (26%)

Magenta (0%)

Yellow (87%)

Black (36%)



Cyan (53%)

Magenta (36%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color 78A215 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 78A215 by changing the saturation by 10% instead.



78A215



78A215

FFFFFF



5D8800



B0D952



416E00



CDF66D



265500



EAFF88



023E00



FFFFA4



002800



FFFFC0



000B00



FFFFDD



000000



FFFFFB



78A215



78A215

■ 73A205

■ 7DA225

■ 72A200

■ 82A235

■ 86A246

■ 8BA256

■ 90A266

■ 95A276

■ 9AA286

■ 9FA297

■ A3A2A7

Harmonies

Analogous

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



B49100



78A215



00AC51

Triad

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



78A215



00ABFC



FD569A

Complementary

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



78A215



3F15A2

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.



DB69D5



78A215



009DFF

Square

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



78A215



00B0CE



8D86FF



FD5F5E

Rectangle

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



78A215



00AF7B



8D86FF



F65AAE

Sweetspot

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



78A215



C3D49D



A23D15



616B4A



EBEBEB



6B6B6B

Same Dimension

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



78A215



95D400



34A215



4F5249



669100



0D1200

Inverse Universe

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



3F15A2



3F00D4



8315A2



4C4952



2B0091



050012

Previews

White Background



This preview shows how the Hex color 78A215 looks on a white background.

Color Contrast Check

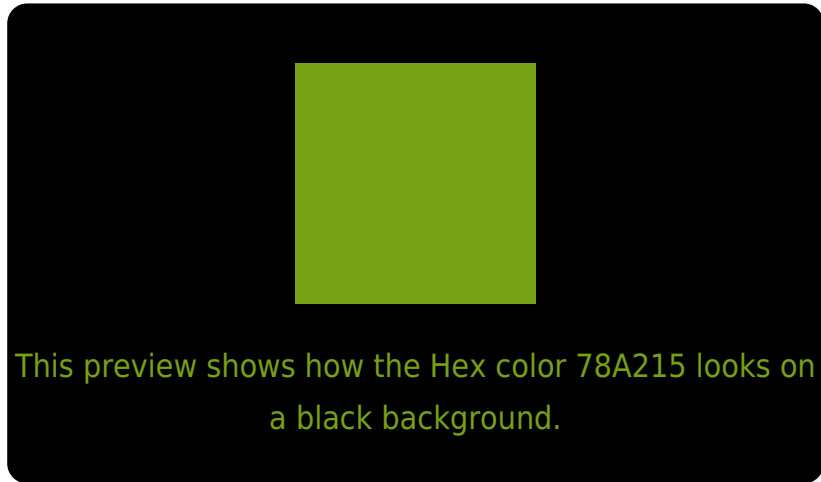
Large Text (above 18pt) WCAG AA ✓ Pass

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 78A215 Background



This preview shows how black text looks on a background with the Hex color 78A215.



This preview shows how white text looks on a background with the Hex color 78A215.

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
78A215

Protanopia
A79510

Deuteranopia
BA8D24



Tritanopia
8797A3

Trichromacy



Original Color
78A215

Protanomaly
969A12

Deuteranomaly
A2951F

Tritanomaly
829B6F

Monochromacy



Original Color
78A215

Achromatopsia
858585

Achromatomaly
80905C

CSS Examples

Text

The CSS property to change the color of the text to Hex 78A215 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 #78A215 looks like.

```
.text, #text, p{  
    color:#78A215  
}
```

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 #78A215 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78A215
}
```

Border

The CSS property to change the border of an element to Hex 78A215 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
#78A215 }
```

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

```
.border{ border-color:#78A215 }
```

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

Here you see how a box with a 4 pixel #78A215 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78A215; -webkit-box-shadow:4px 4px  
4px 4px #78A215; box-shadow:4px 4px 4px  
4px #78A215 }
```

Background

The CSS property to change the background color of an element to Hex 78A215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78A215 }
```

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

```
.background{ background-color:#78A215 }
```

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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