

Converting Colors

Hex(728E21)

Have a look what the booklet for
Hex(728E21) contains.

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Color

Hex(728E21)

Conversions

Conversions Part 1

Format	Color
Hex	728E21
RGB	114, 142, 33
RGB Percent	45%, 56%, 13%
CMY	0.5529, 0.4431, 0.8706
CMYK	0.20, 0.00, 0.77, 0.44
HSL	75°, 62%, 34%
HSV	75°, 77%, 56%
XYZ	16.8869, 23.0332, 4.9947
YIQ	121.2020, 18.3010, -39.8350

Conversions

Conversions Part 2

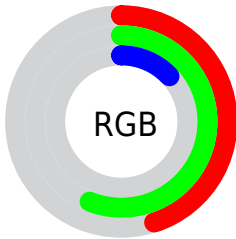
Format	Color
RYB	33, 142, 61
Decimal	7507489
CIELab	55.11, -25.41, 51.00
CIELCh	55, 56.981, 116.480
Yxy	23.0332, 0.3760, 0.5128
Android (android.graphics.Color)	4285697569 (0xFF728E21)
YUV	121.2020, -43.4836, -6.3162
Hunter-Lab	47.9929, -21.1801, 27.4247

Details

The Hex color **728E21** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **3D218E**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **A9C456**, and **3E5C00** is the 20% darker color. If you saturate the color by 10%, you get **6E8E13**, and if you desaturate by 10%, it is **768E2F**.

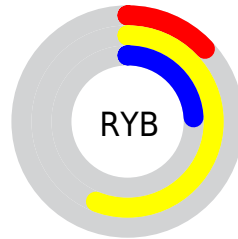
Distribution



Red (45%)

Green (56%)

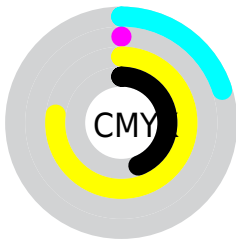
Blue (13%)



Red (13%)

Yellow (56%)

Blue (24%)

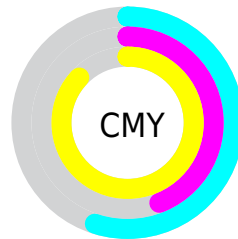


Cyan (20%)

Magenta (0%)

Yellow (77%)

Black (44%)



Cyan (55%)

Magenta (44%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 728E21 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 728E21 by changing the saturation by 10% instead.



728E21



728E21

FFFFFF



587400



A9C456



3E5C00



C5E071



244400



E2FC8B



072D00



FFFFA7



001A00



FFFFC3



000000



FFFFDF



FFFFFC



728E21



728E21

■ 6E8E13

■ 768E2F

■ 6B8E05

■ 798E3D

■ 6A8E00

■ 7D8E4C

■ 818E5A

■ 848E68

■ 888E76

■ 8C8E84

■ 8F8E93

■ 938EA1

Harmonies

Analogous

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



A28013



728E21



29974A

Triad

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



728E21



0096D6



D9558C

Complementary

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



728E21



3D218E

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.



BA63BB



728E21



008BE7

Square

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



728E21



009BAF



7979DD



DB595B

Rectangle

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



728E21



009A6B



7979DD



D2589C

Sweetspot

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



728E21



ADB88D



8E3C21



555C42



DBDBDB



5C5C5C

Same Dimension

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



728E21



8CB80F



3C8E21



464740



648700



060800

Inverse Universe

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



3D218E



3A0FB8



73218E



424047



230087



020008

Previews

White Background



This preview shows how the Hex color 728E21 looks on a white background.

Color Contrast Check

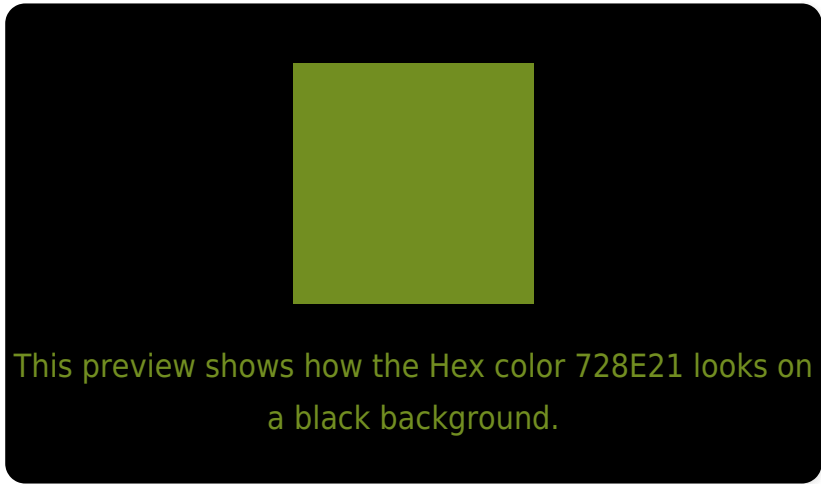
Large Text (above 18pt) WCAG AA ✓ Pass

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 728E21 Background



This preview shows how black text looks on a background with the Hex color 728E21.



This preview shows how white text looks on a background with the Hex color 728E21.

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](#).

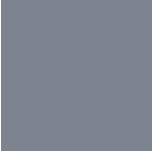
Dichromacy



Original Color
728E21

Protanopia
94841E

Deuteranopia
A57D29



Tritanopia
7D848F

Trichromacy



Original Color
728E21

Protanomaly
88881F

Deuteranomaly
928326

Tritanomaly
798867

Monochromacy



Original Color
728E21

Achromatopsia
797979

Achromatomaly
768159

CSS Examples

Text

The CSS property to change the color of the text to Hex 728E21 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 #728E21 looks like.

```
.text, #text, p{  
    color:#728E21  
}
```

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 #728E21 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #728E21
}
```

Border

The CSS property to change the border of an element to Hex 728E21 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
#728E21 }
```

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

```
.border{ border-color:#728E21 }
```

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

Here you see how a box with a 4 pixel #728E21 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #728E21; -webkit-box-shadow:4px 4px  
4px 4px #728E21; box-shadow:4px 4px 4px  
4px #728E21 }
```

Background

The CSS property to change the background color of an element to Hex 728E21 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#728E21 }
```

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

```
.background{ background-color:#728E21 }
```

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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