

Converting Colors

Hex(3C7214)

Have a look what the booklet for
Hex(3C7214) contains.

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Color

Hex(3C7214)

Conversions

Conversions Part 1

Format	Color
Hex	3C7214
RGB	60, 114, 20
RGB Percent	24%, 45%, 8%
CMY	0.7647, 0.5529, 0.9216
CMYK	0.47, 0.00, 0.82, 0.55
HSL	94°, 70%, 26%
HSV	94°, 82%, 45%
XYZ	8.0071, 13.0458, 2.7579
YIQ	87.1380, -2.0100, -40.6820

Conversions

Conversions Part 2

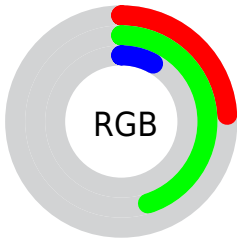
Format	Color
RYB	20, 114, 74
Decimal	3961364
CIELab	42.83, -34.40, 42.70
CIELCh	43, 54.832, 128.856
Yxy	13.0458, 0.3363, 0.5479
Android (android.graphics.Color)	4282151444 (0xFF3C7214)
YUV	87.1380, -33.0990, -23.8000
Hunter-Lab	36.1190, -23.6373, 20.7561

Details

The Hex color **3C7214** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **4A1472**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **71A648**, and **014100** is the 20% darker color. If you saturate the color by 10%, you get **357209**, and if you desaturate by 10%, it is **43721F**.

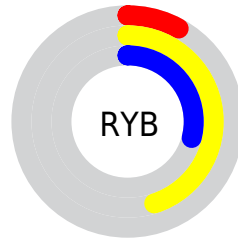
Distribution



Red (24%)

Green (45%)

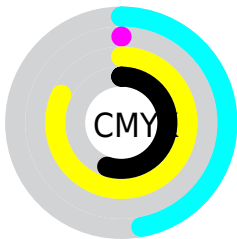
Blue (8%)



Red (8%)

Yellow (45%)

Blue (29%)

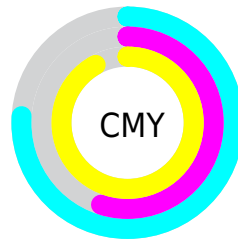


Cyan (47%)

Magenta (0%)

Yellow (82%)

Black (55%)



Cyan (76%)

Magenta (55%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3C7214 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 3C7214 by changing the saturation by 10% instead.



3C7214



3C7214

FFFFFF



215900



71A648



014100



8CC261



002B00



A7DE7B



001200



C3FB96



000000



E0FFB1



FDFPCD



FFFEEA



3C7214



3C7214

■ 357209

■ 43721F

■ 317200

■ 49722B

■ 507236

■ 567242

■ 5D724D

■ 637258

■ 6A7264

■ 70726F

■ 77727B

Harmonies

Analogous

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



6E6700



3C7214



007842

Triad

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



3C7214



0073BA



B5345A

Complementary

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



3C7214



4A1472

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.



A53D87



3C7214



0066BF

Square

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



3C7214



00799D



7753AC



AD422E

Rectangle

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



3C7214



007962



7753AC



B33469

Sweetspot

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



3C7214



7F946F



724914



3D4A34



C9C9C9



4A4A4A

Same Dimension

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



3C7214



409401



14721A



353832



337800



69F700

Inverse Universe

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



4A1472



560194



72146C



363238



450078



8E00F7

Previews

White Background



This preview shows how the Hex color 3C7214 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 3C7214 Background



This preview shows how black text looks on a background with the Hex color 3C7214.



This preview shows how white text looks on a background with the Hex color 3C7214.

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
3C7214

Protanopia
716510

Deuteranopia
7E601E



Tritanopia
4A6A73

Trichromacy



Original Color
3C7214

Protanomaly
5E6A11

Deuteranomaly
66671A

Tritanomaly
456D50

Monochromacy



Original Color
3C7214

Achromatopsia
575757

Achromatomaly
4D613F

CSS Examples

Text

The CSS property to change the color of the text to Hex 3C7214 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 #3C7214 looks like.

```
.text, #text, p{  
    color:#3C7214  
}
```

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 #3C7214 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C7214
}
```

Border

The CSS property to change the border of an element to Hex 3C7214 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
#3C7214 }
```

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

```
.border{ border-color:#3C7214 }
```

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

Here you see how a box with a 4 pixel #3C7214 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C7214; -webkit-box-shadow:4px 4px  
4px 4px #3C7214; box-shadow:4px 4px 4px  
4px #3C7214 }
```

Background

The CSS property to change the background color of an element to Hex 3C7214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C7214 }
```

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

```
.background{ background-color:#3C7214 }
```

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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