

Converting Colors

Hex(0A7224)

Have a look what the booklet for
Hex(0A7224) contains.

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Color

Hex(0A7224)

Conversions

Conversions Part 1

Format	Color
Hex	0A7224
RGB	10, 114, 36
RGB Percent	4%, 45%, 14%
CMY	0.9608, 0.5529, 0.8588
CMYK	0.91, 0.00, 0.68, 0.55
HSL	135°, 84%, 24%
HSV	135°, 91%, 45%
XYZ	6.4609, 12.2265, 3.6885
YIQ	74.0120, -36.9460, -46.3060

Conversions

Conversions Part 2

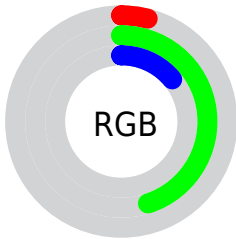
Format	Color
RYB	10, 93, 114
Decimal	684580
CIELab	41.57, -44.10, 34.55
CIELCh	42, 56.027, 141.924
Yxy	12.2265, 0.2887, 0.5464
Android (android.graphics.Color)	4278874660 (0xFF0A7224)
YUV	74.0120, -18.7399, -56.1385
Hunter-Lab	34.9665, -28.2090, 18.2222

Details

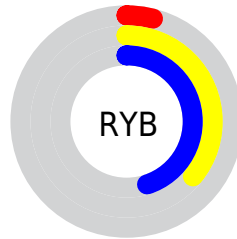
The Hex color **0A7224** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **720A58**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **4EA755**, and **004000** is the 20% darker color. If you saturate the color by 10%, you get **00721D**, and if you desaturate by 10%, it is **15722D**.

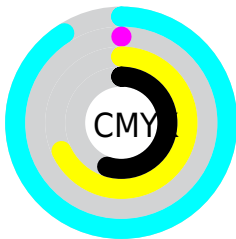
Distribution



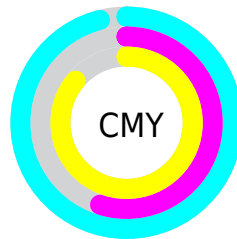
- Red (4%)
- Green (45%)
- Blue (14%)



- Red (4%)
- Yellow (36%)
- Blue (45%)



- Cyan (91%)
- Magenta (0%)
- Yellow (68%)
- Black (55%)



- Cyan (96%)
- Magenta (55%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0A7224 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 0A7224 by changing the saturation by 10% instead.

 0A7224

 0A7224

FFFFFF

 00590A

 4EA755

 004000

 6AC36E

 002B00

 86DF88

 000B00

 A2FCA2

 000000

 BEFFBE

 DBFFDA

 F9FFF7

 0A7224

 0A7224

■ 00721D

■ 15722D

■ 217235

■ 2C723E

■ 387246

■ 43724F

■ 4E7257

■ 5A7260

■ 657268

■ 717271

Harmonies

Analogous

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



566A00



0A7224



007654

Triad

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



0A7224



006BBE



B23343

Complementary

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



0A7224



720A58

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.



AD3071



0A7224



445BB8

Square

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



0A7224



0074AA



8D459C



A14717

Rectangle

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



0A7224



007774



8D459C



B32F52

Sweetspot

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



0A7224



6C9476



58720A



324A38



C9C9C9



4A4A4A

Same Dimension

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



0A7224



009425



0A7258



323834



00781E



00F73E

Inverse Universe

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



720A58



94006F



720A24



383237



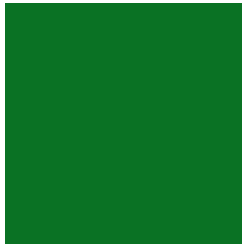
78005A



F700BA

Previews

White Background



This preview shows how the Hex color 0A7224 looks on a white background.

Color Contrast Check

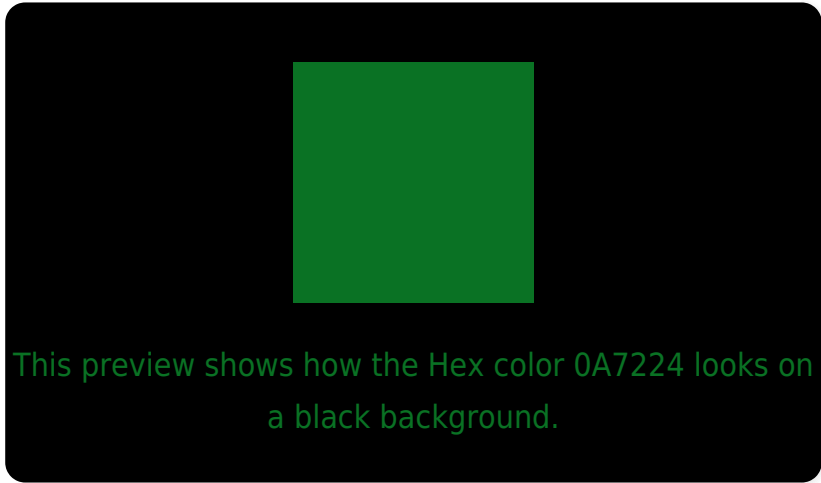
Large Text (above 18pt) WCAG AA ✓ Pass

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 0A7224 Background



This preview shows how black text looks on a background with the Hex color 0A7224.



This preview shows how white text looks on a background with the Hex color 0A7224.

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
0A7224

Protanopia
6D6220

Deuteranopia
795D2B



Tritanopia
2F6B73

Trichromacy



Original Color
0A7224



Protanomaly
496821



Deuteranomaly
516528



Tritanomaly
226E56

Monochromacy



Original Color
0A7224



Achromatopsia
4A4A4A



Achromatomaly
33593C

CSS Examples

Text

The CSS property to change the color of the text to Hex 0A7224 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 #0A7224 looks like.

```
.text, #text, p{  
    color:#0A7224  
}
```

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 #0A7224 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0A7224
}
```

Border

The CSS property to change the border of an element to Hex 0A7224 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
#0A7224 }
```

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

```
.border{ border-color:#0A7224 }
```

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

Here you see how a box with a 4 pixel #0A7224 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0A7224; -webkit-box-shadow:4px 4px  
4px 4px #0A7224; box-shadow:4px 4px 4px  
4px #0A7224 }
```

Background

The CSS property to change the background color of an element to Hex 0A7224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0A7224 }
```

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

```
.background{ background-color:#0A7224 }
```

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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