

Converting Colors

Hex(007224)

Have a look what the booklet for
Hex(007224) contains.

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Color

Hex(007224)

Conversions

Conversions Part 1

Format	Color
Hex	007224
RGB	0, 114, 36
RGB Percent	0%, 45%, 14%
CMY	1.0000, 0.5529, 0.8588
CMYK	1.00, 0.00, 0.68, 0.55
HSL	139°, 100%, 22%
HSV	139°, 100%, 45%
XYZ	6.3358, 12.1620, 3.6826
YIQ	71.0220, -42.9060, -48.4260

Conversions

Conversions Part 2

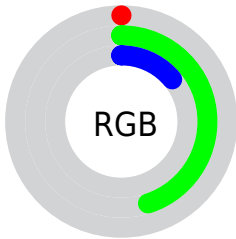
Format	Color
RYB	0, 87, 114
Decimal	29220
CIELab	41.47, -44.99, 34.41
CIELCh	41, 56.644, 142.591
Yxy	12.1620, 0.2856, 0.5483
Android (android.graphics.Color)	4278219300 (0xFF007224)
YUV	71.0220, -17.2658, -62.2863
Hunter-Lab	34.8741, -28.6006, 18.1509

Details

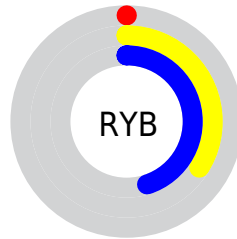
The Hex color **007224** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **72004E**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **4BA754**, and **004000** is the 20% darker color. If you saturate the color by 10%, you get **007224**, and if you desaturate by 10%, it is **0B722C**.

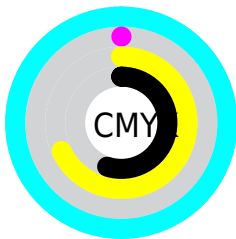
Distribution



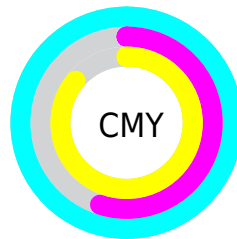
- Red (0%)
- Green (45%)
- Blue (14%)



- Red (0%)
- Yellow (34%)
- Blue (45%)



- Cyan (100%)
- Magenta (0%)
- Yellow (68%)
- Black (55%)



- Cyan (100%)
- Magenta (55%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 007224 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 007224 by changing the saturation by 10% instead.

 007224

 007224

FFFFFF

 00590A

 4BA754

 004000

 67C36E

 002B00

 83DF88

 000A00

 9FFCA2

 000000

 BCFFBE

 D9FFDA

 F6FFF7

 007224

 0B722C

 177234

 22723B

 2E7243

 39724B

 447253

 50725B

 5B7262

 67726A

Harmonies

Analogous

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



556A00



007224



007654

Triad

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



007224



006BBF



B23241

Complementary

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



007224



72004E

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.



AE2F6F



007224



455BB9

Square

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



007224



0074AB



8E439B



A14715

Rectangle

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



007224



007775



8E439B



B42E50

Sweetspot

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



007224



689476



507200



2F4A38



C9C9C9



4A4A4A

Same Dimension

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



007224



00942F



00725B



323834



007826



00F74E

Inverse Universe

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



72004E



940065



720017



383236



780052



F700A9

Previews

White Background



This preview shows how the Hex color 007224 looks on a white background.

Color Contrast Check

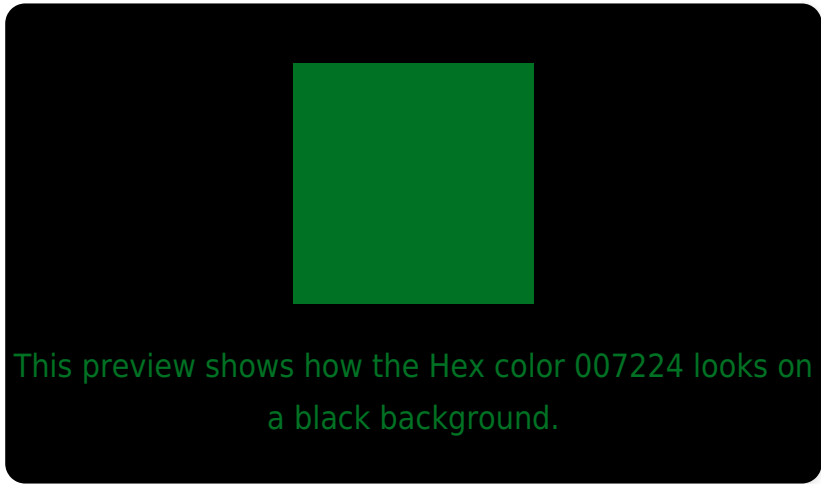
Large Text (above 18pt) WCAG AA ✓ Pass

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 007224 Background



This preview shows how black text looks on a background with the Hex color 007224.



This preview shows how white text looks on a background with the Hex color 007224.

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
007224

Protanopia
6D6220

Deuteranopia
795D2B



Tritanopia
2E6B73

Trichromacy



Original Color
007224



Protanomaly
456821



Deuteranomaly
4D6528



Tritanomaly
1D6E56

Monochromacy



Original Color
007224



Achromatopsia
474747



Achromatomaly
2D573A

CSS Examples

Text

The CSS property to change the color of the text to Hex 007224 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 #007224 looks like.

```
.text, #text, p{  
    color:#007224  
}
```

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 #007224 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #007224
}
```

Border

The CSS property to change the border of an element to Hex 007224 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
#007224 }
```

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

```
.border{ border-color:#007224 }
```

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

Here you see how a box with a 4 pixel #007224 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #007224; -webkit-box-shadow:4px 4px  
4px 4px #007224; box-shadow:4px 4px 4px  
4px #007224 }
```

Background

The CSS property to change the background color of an element to Hex 007224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#007224 }
```

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

```
.background{ background-color:#007224 }
```

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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