

Converting Colors

Hex(007624)

Have a look what the booklet for
Hex(007624) contains.

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Color

Hex(007624)

Conversions

Conversions Part 1

Format	Color
Hex	007624
RGB	0, 118, 36
RGB Percent	0%, 46%, 14%
CMY	1.0000, 0.5373, 0.8588
CMYK	1.00, 0.00, 0.69, 0.54
HSL	138°, 100%, 23%
HSV	138°, 100%, 46%
XYZ	6.7969, 13.0842, 3.8363
YIQ	73.3700, -44.0060, -50.5180

Conversions

Conversions Part 2

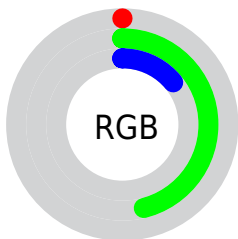
Format	Color
RYB	0, 90, 118
Decimal	30244
CIELab	42.89, -46.30, 35.97
CIELCh	43, 58.629, 142.158
Yxy	13.0842, 0.2866, 0.5517
Android (android.graphics.Color)	4278220324 (0xFF007624)
YUV	73.3700, -18.4234, -64.3455
Hunter-Lab	36.1721, -29.7605, 19.0323

Details

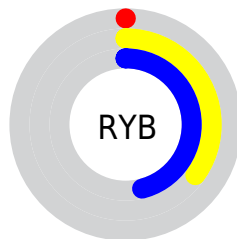
The Hex color **007624** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **760052**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **4CAB55**, and **004400** is the 20% darker color. If you saturate the color by 10%, you get **007624**, and if you desaturate by 10%, it is **0C762C**.

Distribution



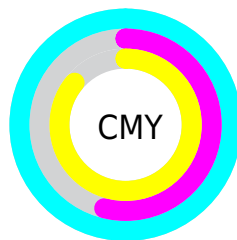
- Red (0%)
- Green (46%)
- Blue (14%)



- Red (0%)
- Yellow (35%)
- Blue (46%)



- Cyan (100%)
- Magenta (0%)
- Yellow (69%)
- Black (54%)



- Cyan (100%)
- Magenta (54%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 007624 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 007624 by changing the saturation by 10% instead.

 007624

 007624

FFFFFF

 005D09

 4CAB55

 004400

 69C76E

 002E00

 85E388

 001200

 A1FFA3

 000000

 BEFFBE

 DBFFDB

 F8FFF7

 007624

 0C762C

 187634

 23763D

 2F7645

 3B764D

 477655

 53765D

 5E7666

 6A766E

Harmonies

Analogous

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



586D00



007624



007A57

Triad

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



007624



006FC6



B93344

Complementary

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



007624



760052

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.



B43074



007624



455EC0

Square

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



007624



0078B2



9246A1



A74916

Rectangle

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



007624



007B78



9246A1



BA2E54

Sweetspot

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



007624



6B9979



537600



314D39



CCCCCC



4D4D4D

Same Dimension

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



007624



00992F



00765E



353B37



007A25



00FA4C

Inverse Universe

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



760052



99006A



760018



3B3539



7A0055



FA00AE

Previews

White Background



This preview shows how the Hex color 007624 looks on a white background.

Color Contrast Check

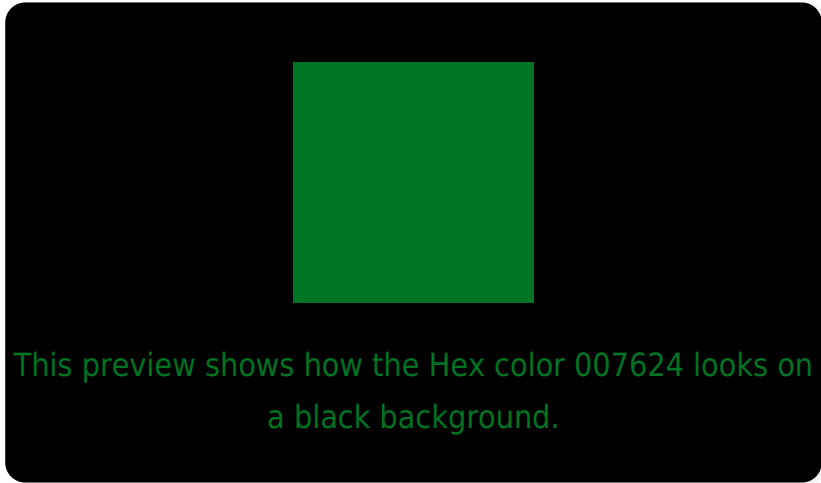
Large Text (above 18pt) WCAG AA ✓ Pass

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 007624 Background



This preview shows how black text looks on a background with the Hex color 007624.



This preview shows how white text looks on a background with the Hex color 007624.

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
007624

Protanopia
716520

Deuteranopia
7D602C



Tritanopia
306E77

Trichromacy



Original Color

007624



Protanomaly

486B21



Deuteranomaly

506829



Tritanomaly

1F7159

Monochromacy



Original Color

007624



Achromatopsia

494949



Achromatomaly

2E593C

CSS Examples

Text

The CSS property to change the color of the text to Hex 007624 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 #007624 looks like.

```
.text, #text, p{  
    color:#007624  
}
```

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 #007624 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #007624
}
```

Border

The CSS property to change the border of an element to Hex 007624 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
#007624 }
```

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

```
.border{ border-color:#007624 }
```

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

Here you see how a box with a 4 pixel #007624 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #007624; -webkit-box-shadow:4px 4px  
4px 4px #007624; box-shadow:4px 4px 4px  
4px #007624 }
```

Background

The CSS property to change the background color of an element to Hex 007624 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#007624 }
```

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

```
.background{ background-color:#007624 }
```

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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