

Converting Colors

Hex(024505)

Have a look what the booklet for
Hex(024505) contains.

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Color

Hex(024505)

Conversions

Conversions Part 1

Format	Color
Hex	024505
RGB	2, 69, 5
RGB Percent	1%, 27%, 2%
CMY	0.9922, 0.7294, 0.9804
CMYK	0.97, 0.00, 0.93, 0.73
HSL	123°, 94%, 14%
HSV	123°, 97%, 27%
XYZ	2.1806, 4.2801, 0.8548
YIQ	41.6710, -19.3880, -34.1080

Conversions

Conversions Part 2

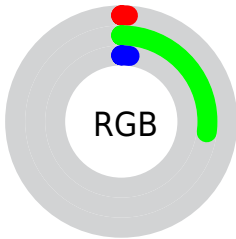
Format	Color
R_{YB}	2, 66, 69
Decimal	148741
CIE _{Lab}	24.58, -32.83, 30.15
CIE _{LCh}	25, 44.569, 137.436
Yxy	4.2801, 0.2981, 0.5851
Android (android.graphics.Color)	4278338821 (0xFF024505)
YUV	41.6710, -18.0788, -34.7915
Hunter-Lab	20.6884, -17.3909, 12.0322

Details

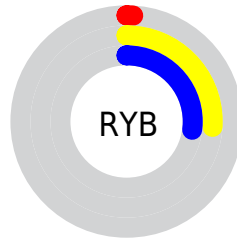
The Hex color **024505** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **450242**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **3D7635**, and **001900** is the 20% darker color. If you saturate the color by 10%, you get **004503**, and if you desaturate by 10%, it is **09450C**.

Distribution



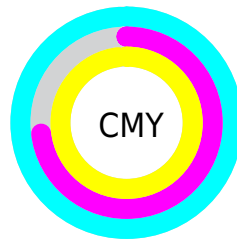
- Red (1%)
- Green (27%)
- Blue (2%)



- Red (1%)
- Yellow (26%)
- Blue (27%)



- Cyan (97%)
- Magenta (0%)
- Yellow (93%)
- Black (73%)



- Cyan (99%)
- Magenta (73%)
- Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 024505 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 024505 by changing the saturation by 10% instead.

 024505

 024505

 FCFEFC

 002E00

 3D7635

 001900

 57904C

 000000

 71AB65

 8BC67E

 A6E399

 C2FFB4

 DFFFD0

 024505

 024505

■ 004503

■ 09450C

■ 104512

■ 174519

■ 1E451F

■ 254526

■ 2B452D

■ 324533

■ 39453A

■ 404540

Harmonies

Analogous

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



373F00



024505



00482B

Triad

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



024505



00437C



741129

Complementary

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



024505



450242

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.



6E134A



024505



07387B

Square

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



024505



00486C



532768



6A2307

Rectangle

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



024505



004942



532768



740E34

Sweetspot

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



024505



3F5941



434502



1E2E1F



ADADAD



2E2E2E

Same Dimension

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



024505



005904



024526



202420



006304



00E30A

Inverse Universe

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



450242



590055



450221



242024



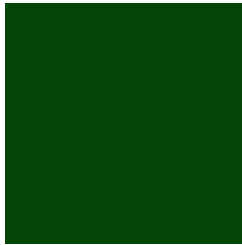
63005F



E300D9

Previews

White Background



This preview shows how the Hex color 024505 looks on a white background.

Color Contrast Check

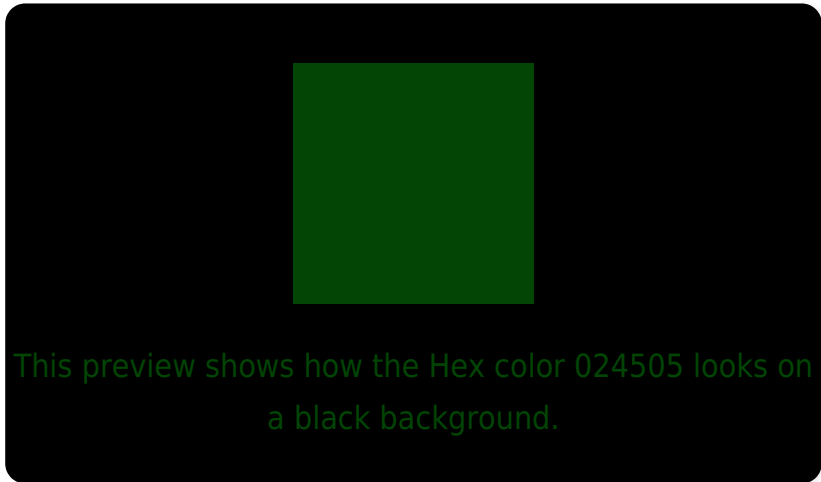
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

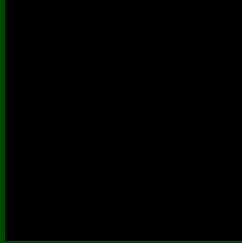
Any Text WCAG AA × Fail

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 024505 Background



This preview shows how black text looks on a background with the Hex color 024505.



This preview shows how white text looks on a background with the Hex color 024505.

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
024505

Protanopia
423B00

Deuteranopia
4A3810



Tritanopia
1D4045

Trichromacy



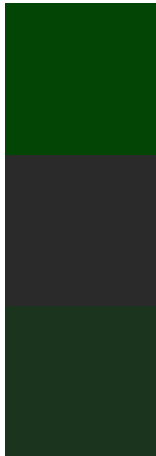
Original Color
024505

Protanomaly
2B3F02

Deuteranomaly
303D0C

Tritanomaly
13422E

Monochromacy



Original Color
024505

Achromatopsia
2A2A2A

Achromatomaly
1B341D

CSS Examples

Text

The CSS property to change the color of the text to Hex 024505 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 #024505 looks like.

```
.text, #text, p{  
    color:#024505  
}
```

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 #024505 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #024505
}
```

Border

The CSS property to change the border of an element to Hex 024505 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".

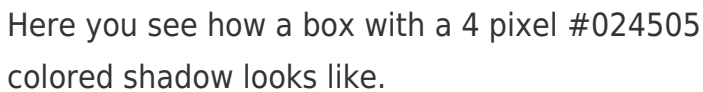
```
.border, #border, table{ border:4px solid
#024505 }
```

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

```
.border{ border-color:#024505 }
```

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

Here you see how a box with a 4 pixel #024505 colored shadow looks like.

A rectangular box with a dark green border and a dark green shadow. The box is white with a thin dark green border on the top and left sides, and a thicker dark green shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #024505; -webkit-box-shadow:4px 4px  
4px 4px #024505; box-shadow:4px 4px 4px  
4px #024505 }
```

Background

The CSS property to change the background color of an element to Hex 024505 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#024505 }
```

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

```
.background{ background-color:#024505 }
```

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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