

Converting Colors

Hex(024444)

Have a look what the booklet for
Hex(024444) contains.

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Color

Hex(024444)

Conversions

Conversions Part 1

Format	Color
Hex	024444
RGB	2, 68, 68
RGB Percent	1%, 27%, 27%
CMY	0.9922, 0.7333, 0.7333
CMYK	0.97, 0.00, 0.00, 0.73
HSL	180°, 94%, 14%
HSV	180°, 97%, 27%
XYZ	3.1355, 4.5645, 6.1846
YIQ	48.2660, -39.3360, -13.9920

Conversions

Conversions Part 2

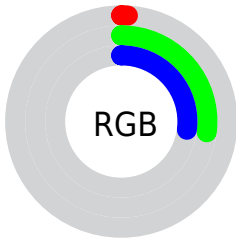
Format	Color
R_{YB}	2, 35, 68
Decimal	148548
CIE _{Lab}	25.46, -18.33, -5.40
CIE _{LCh}	25, 19.111, 196.426
Yxy	4.5645, 0.2258, 0.3287
Android (android.graphics.Color)	4278338628 (0xFF024444)
YUV	48.2660, 9.7289, -40.5753
Hunter-Lab	21.3647, -11.1911, -2.2079

Details

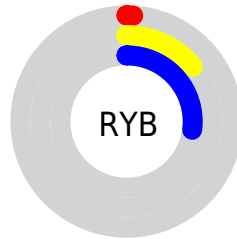
The Hex color **024444** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **440202**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **3D7574**, and **001A19** is the 20% darker color. If you saturate the color by 10%, you get **004444**, and if you desaturate by 10%, it is **094444**.

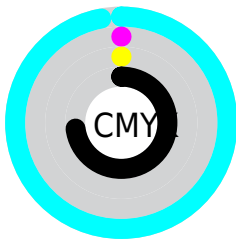
Distribution



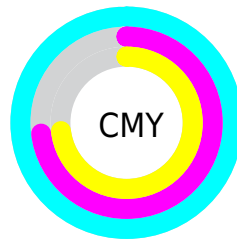
- Red (1%)
- Green (27%)
- Blue (27%)



- Red (1%)
- Yellow (14%)
- Blue (27%)



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



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

Brightness & Saturation Gradients

These gradients show how the Hex color 024444 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 024444 by changing the saturation by 10% instead.

 024444

 024444

 FCFFFF

 002D2E

 3D7574

 001A19

 578E8E

 000000

 71A9A8

 8CC4C3

 A7E0DF

 C3FDFC

 DFFFFF

 024444

 024444

■ 004444

■ 094444

■ 104444

■ 164444

■ 1D4444

■ 244444

■ 2B4444

■ 324444

■ 384444

■ 3F4444

Harmonies

Analogous

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



1A4435



024444



004351

Triad

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



024444



483650



4B3920

Complementary

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



024444



440202

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.



553428



024444



543244

Square

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



024444



343B58



583135



3E3E20

Rectangle

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



024444



104157



583135



4F3722

Sweetspot

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



024444



3F5959



024402



1E2E2E



ADADAD



2E2E2E

Same Dimension

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



024444



005959



022344



1E2121



006161



00E0E0

Inverse Universe

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



440244



590059



442302



211E21



610061



E000E0

Previews

White Background



This preview shows how the Hex color 024444 looks on a white background.

Color Contrast Check

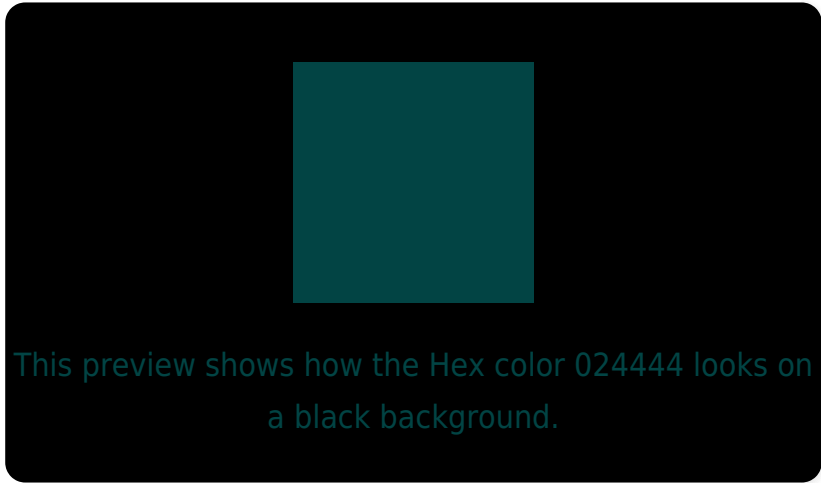
Large Text (above 18pt) WCAG AA ✓ Pass

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

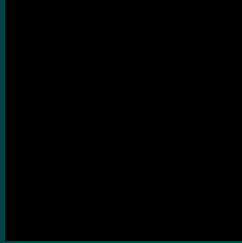
Any Text WCAG AA × Fail

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 024444 Background



This preview shows how black text looks on a background with the Hex color 024444.



This preview shows how white text looks on a background with the Hex color 024444.

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](#).

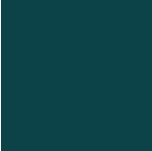
Dichromacy



Original Color
024444

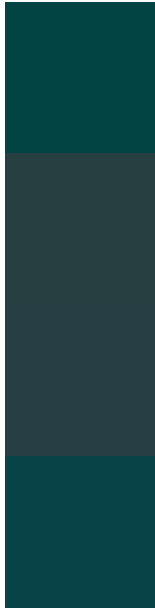
Protanopia
3D3C3F

Deuteranopia
3E3B46



Tritanopia
0C4349

Trichromacy



Original Color

024444

Protanomaly

283F41

Deuteranomaly

283E45

Tritanomaly

084347

Monochromacy



Original Color

024444

Achromatopsia

303030

Achromatomaly

1F3737

CSS Examples

Text

The CSS property to change the color of the text to Hex 024444 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 #024444 looks like.

```
.text, #text, p{  
    color:#024444  
}
```

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 #024444 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #024444  
}
```

Border

The CSS property to change the border of an element to Hex 024444 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  
#024444 }
```

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

```
.border{ border-color:#024444 }
```

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

Here you see how a box with a 4 pixel #024444 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #024444; -webkit-box-shadow:4px 4px  
4px 4px #024444; box-shadow:4px 4px 4px  
4px #024444 }
```

Background

The CSS property to change the background color of an element to Hex 024444 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#024444 }
```

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

```
.background{ background-color:#024444 }
```

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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