

Converting Colors

Hex(048488)

Have a look what the booklet for
Hex(048488) contains.

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Color

Hex(048488)

Conversions

Conversions Part 1

Format	Color
Hex	048488
RGB	4, 132, 136
RGB Percent	2%, 52%, 53%
CMY	0.9843, 0.4824, 0.4667
CMYK	0.97, 0.03, 0.00, 0.47
HSL	182°, 94%, 27%
HSV	182°, 97%, 53%
XYZ	12.7453, 18.3059, 26.1542
YIQ	94.1840, -77.5720, -25.8920

Conversions

Conversions Part 2

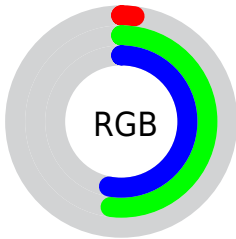
Format	Color
RYB	4, 69, 136
Decimal	296072
CIELab	49.87, -27.98, -10.76
CIELCh	50, 29.979, 201.042
Yxy	18.3059, 0.2228, 0.3200
Android (android.graphics.Color)	4278486152 (0xFF048488)
YUV	94.1840, 20.6153, -79.0914
Hunter-Lab	42.7854, -21.7014, -6.2935

Details

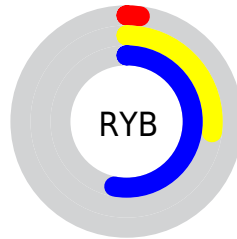
The Hex color **048488** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **880804**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **55BABD**, and **005256** is the 20% darker color. If you saturate the color by 10%, you get **008488**, and if you desaturate by 10%, it is **128488**.

Distribution



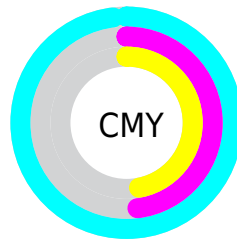
- Red (2%)
- Green (52%)
- Blue (53%)



- Red (2%)
- Yellow (27%)
- Blue (53%)



- Cyan (97%)
- Magenta (3%)
- Yellow (0%)
- Black (47%)



- Cyan (98%)
- Magenta (48%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 048488 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 048488 by changing the saturation by 10% instead.

048488

048488

FFFFFF

006A6F

55BABD

005256

73D5D9

003A3F

90F2F5

002529

ADFFFF

000116

CAFFFF

000000

E8FFFF

048488

048488

008488

128488

■ 1F8588

■ 2D8588

■ 3A8688

■ 488688

■ 568688

■ 638788

■ 718788

■ 7E8888

Harmonies

Analogous

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



35846E



048488



0B819D

Triad

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



048488



8F6A97



8E7244

Complementary

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



048488



880804

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.



A06A50



048488



A3637F

Square

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



048488



6E73A6



A86366



757B46

Rectangle

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



048488



327EA6



A86366



956F47

Sweetspot

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



048488



7DAEB0



048806



3A5859



D9D9D9



595959

Same Dimension

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



048488



00ABB0



044488



3E4545



008185



000505

Inverse Universe

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



880484



B000AB



884804



453E45



850081



050005

Previews

White Background



This preview shows how the Hex color 048488 looks on a white background.

Color Contrast Check

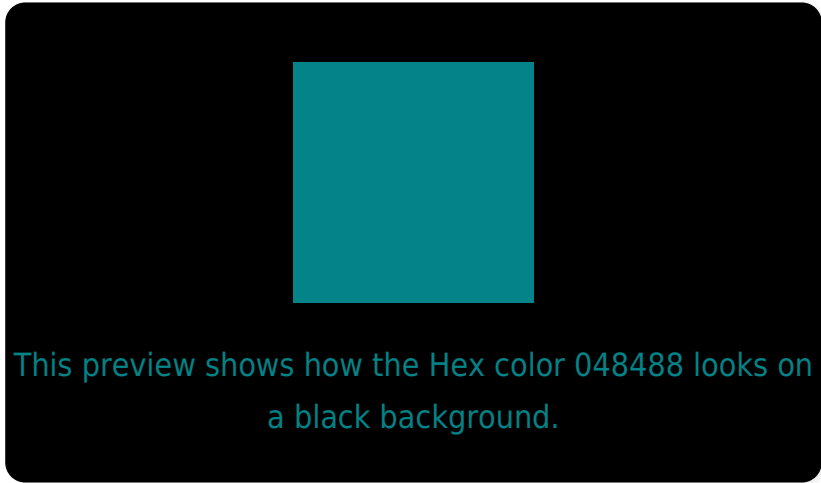
Large Text (above 18pt) WCAG AA ✓ Pass

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

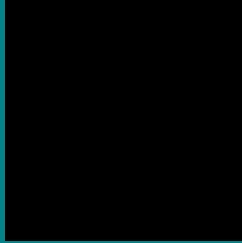
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 048488 Background



This preview shows how black text looks on a background with the Hex color 048488.

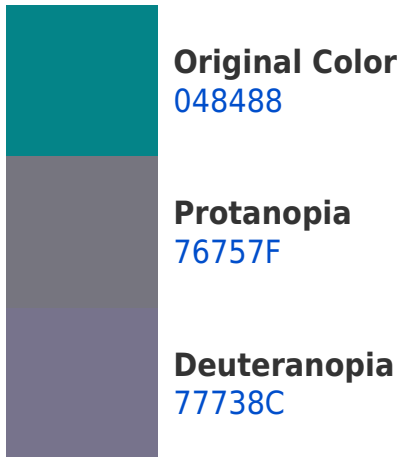


This preview shows how white text looks on a background with the Hex color 048488.

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





Tritanopia
14838E

Trichromacy



Original Color
048488



Protanomaly
4D7A82



Deuteranomaly
4D798B



Tritanomaly
0E838C

Monochromacy



Original Color
048488



Achromatopsia
5E5E5E



Achromatomaly
3D6C6D

CSS Examples

Text

The CSS property to change the color of the text to Hex 048488 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 #048488 looks like.

```
.text, #text, p{  
    color:#048488  
}
```

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 #048488 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #048488
}
```

Border

The CSS property to change the border of an element to Hex 048488 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
#048488 }
```

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

```
.border{ border-color:#048488 }
```

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

Here you see how a box with a 4 pixel #048488 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #048488; -webkit-box-shadow:4px 4px  
4px 4px #048488; box-shadow:4px 4px 4px  
4px #048488 }
```

Background

The CSS property to change the background color of an element to Hex 048488 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#048488 }
```

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

```
.background{ background-color:#048488 }
```

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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