

Converting Colors

Hex(007362)

Have a look what the booklet for
Hex(007362) contains.

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Color

Hex(007362)

Conversions

Conversions Part 1

Format	Color
Hex	007362
RGB	0, 115, 98
RGB Percent	0%, 45%, 38%
CMY	1.0000, 0.5490, 0.6157
CMYK	1.00, 0.00, 0.15, 0.55
HSL	171°, 100%, 23%
HSV	171°, 100%, 45%
XYZ	8.3353, 13.1433, 13.6529
YIQ	78.6770, -63.0830, -29.6670

Conversions

Conversions Part 2

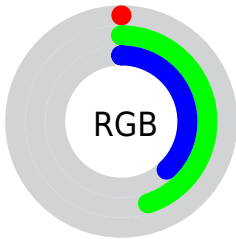
Format	Color
RYB	0, 62, 115
Decimal	29538
CIELab	42.98, -32.07, 1.58
CIELCh	43, 32.114, 177.175
Yxy	13.1433, 0.2373, 0.3741
Android (android.graphics.Color)	4278219618 (0xFF007362)
YUV	78.6770, 9.5262, -68.9997
Hunter-Lab	36.2537, -22.4038, 3.0494

Details

The Hex color **007362** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **730011**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **4CA895**, and **004234** is the 20% darker color. If you saturate the color by 10%, you get **007362**, and if you desaturate by 10%, it is **0B7364**.

Distribution



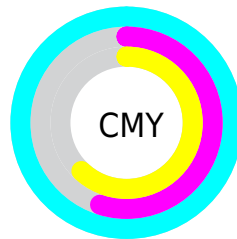
- Red (0%)
- Green (45%)
- Blue (38%)



- Red (0%)
- Yellow (24%)
- Blue (45%)



- Cyan (100%)
- Magenta (0%)
- Yellow (15%)
- Black (55%)



- Cyan (100%)
- Magenta (55%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 007362 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 007362 by changing the saturation by 10% instead.

 007362

 007362

FFFFFF

 005A4A

 4CA895

 004234

 68C3AF

 002B1F

 84DFCB

 001306

 A0FCE7

 000000

 BDFFFF

 DAFFFF

 F7FFFF

 007362

 0B7364


 177365

 237367

 2E7369

 3A736A

 45736C

 51736E

 5C7370

 687371

Harmonies

Analogous

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



3D7048



007362



00737D

Triad

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



007362



646095



8C5A3A

Complementary

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



007362



730011

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.



97524F



007362



845683

Square

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



007362



33699A



955069



78632F

Rectangle

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



007362



00718C



955069



915740

Sweetspot

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



007362



699690



117300



314D48



CCCCCC



4D4D4D

Same Dimension

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



007362



009680



004B73



353B3A



007A68



00FAD5

Inverse Universe

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



730011



960016



732800



3B3536



7A0012



FA0025

Previews

White Background



This preview shows how the Hex color 007362 looks on a white background.

Color Contrast Check

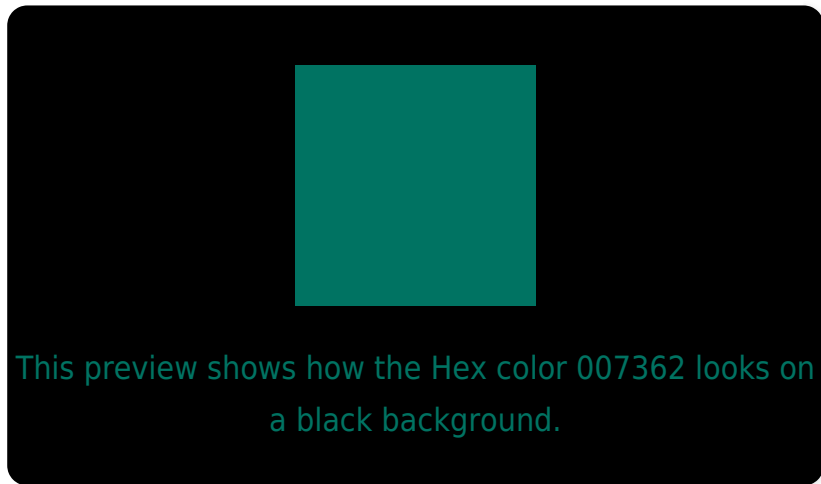
Large Text (above 18pt) WCAG AA ✓ Pass

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

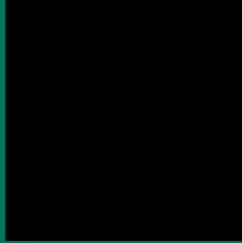
Any Text WCAG AA × Fail

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 007362 Background



This preview shows how black text looks on a background with the Hex color 007362.



This preview shows how white text looks on a background with the Hex color 007362.

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
007362

Protanopia
6A655A

Deuteranopia
6F6266

Trichromacy



Original Color
007362



Protanomaly
436A5D



Deuteranomaly
476865



Tritanomaly
147171

Monochromacy



Original Color
007362



Achromatopsia
4F4F4F



Achromatomaly
325C56

CSS Examples

Text

The CSS property to change the color of the text to Hex 007362 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 #007362 looks like.

```
.text, #text, p{  
    color:#007362  
}
```

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 #007362 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #007362
}
```

Border

The CSS property to change the border of an element to Hex 007362 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
#007362 }
```

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

```
.border{ border-color:#007362 }
```

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

Here you see how a box with a 4 pixel #007362 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #007362; -webkit-box-shadow:4px 4px  
4px 4px #007362; box-shadow:4px 4px 4px  
4px #007362 }
```

Background

The CSS property to change the background color of an element to Hex 007362 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#007362 }
```

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

```
.background{ background-color:#007362 }
```

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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