

Converting Colors

Decimal(16914)

Have a look what the booklet for
Decimal(16914) contains.

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Color

Decimal(16914)

Conversions

Conversions Part 1

Format	Color
Hex	004212
RGB	0, 66, 18
RGB Percent	0%, 26%, 7%
CMY	1.0000, 0.7412, 0.9294
CMYK	1.00, 0.00, 0.73, 0.74
HSL	136°, 100%, 13%
HSV	136°, 100%, 26%
XYZ	2.0574, 3.9401, 1.2243
YIQ	40.7940, -23.9280, -28.9200

Conversions

Conversions Part 2

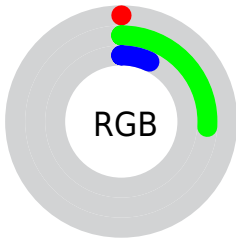
Format	Color
RYB	0, 52, 66
Decimal	16914
CIELab	23.47, -30.79, 23.25
CIELCh	23, 38.584, 142.947
Yxy	3.9401, 0.2849, 0.5456
Android (android.graphics.Color)	4278206994 (0xFF004212)
YUV	40.7940, -11.2374, -35.7763
Hunter-Lab	19.8497, -16.2357, 10.2377

Details

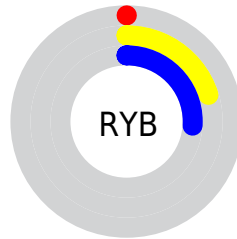
The Decimal color **16914** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **4325424**, and the grayscale version is **2697513**.

A 20% lighter version of the original color is **3830591**, and **5120** is the 20% darker color. If you saturate the color by 10%, you get **16914**, and if you desaturate by 10%, it is **475671**.

Distribution



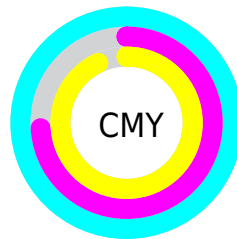
- Red (0%)
- Green (26%)
- Blue (7%)



- Red (0%)
- Yellow (20%)
- Blue (26%)



- Cyan (100%)
- Magenta (0%)
- Yellow (73%)
- Black (74%)



- Cyan (100%)
- Magenta (74%)
- Yellow (93%)


Brightness & Saturation Gradients

These gradients show how the Decimal color 16914 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 Decimal color 16914 by changing the saturation by 10% instead.

 16914  16914

 16252919  11008

 3830591  5120

 5475670  0

 7186287

 8897417

 10674083

 12516542

 14352346

 16914

■ 475671

■ 868892

■ 1327648

■ 1720869

■ 2179626

■ 2638383

■ 3031604

■ 3490360

■ 3883581

Harmonies

Analogous

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



3161344



16914



17456

Triad

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



16914



15730



6953763

Complementary

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



16914



4325424

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.



6756416



16914



2569070

Square

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



16914



17254



5514587



6236167

Rectangle

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



16914



17732



5514587



7018541

Sweetspot

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



16914



4020036



3162624



1846048



11250603



2829099

Same Dimension

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



16914



22296



16947



1974559



24858



57405

Inverse Universe

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



4325424



5701695



4325391



2170400



6357062



14680227

Previews

White Background



This preview shows how the Decimal color 16914 looks on a white background.

Color Contrast Check

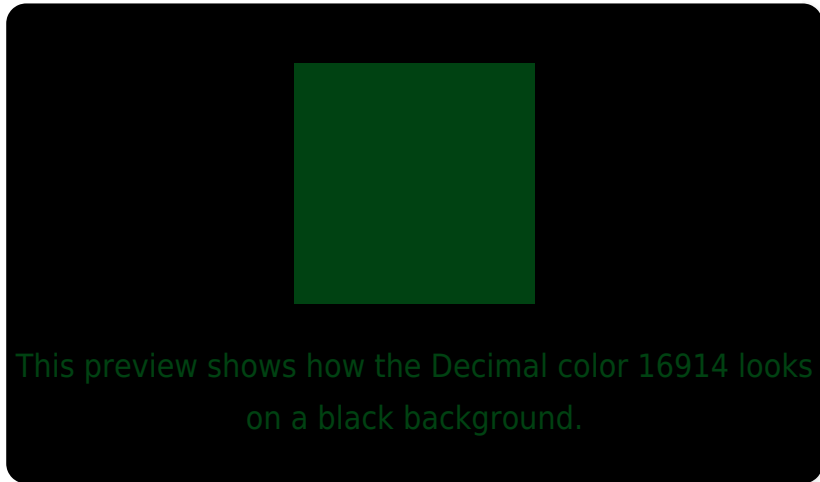
Large Text (above 18pt) WCAG AA ✓ Pass

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

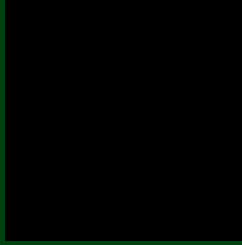
Any Text WCAG AA × Fail

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](#).

Decimal 16914 Background



This preview shows how black text looks on a background with the Decimal color 16914.



This preview shows how white text looks on a background with the Decimal color 16914.

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](#).

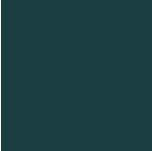
Dichromacy



Original Color
16914

Protanopia
4143376

Deuteranopia
4601367



Tritanopia
1785411

Trichromacy



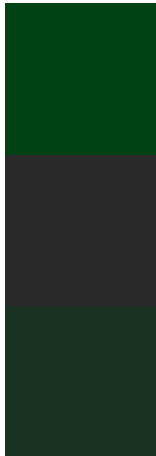
Original Color
16914

Protanomaly
2636817

Deuteranomaly
2963989

Tritanomaly
1130289

Monochromacy



Original Color
16914

Achromatopsia
2697513

Achromatomaly
1716769

CSS Examples

Text

The CSS property to change the color of the text to Decimal 16914 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 #004212 looks like.

```
.text, #text, p{  
    color:#004212  
}
```

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 #004212 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #004212
}
```

Border

The CSS property to change the border of an element to Decimal 16914 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".

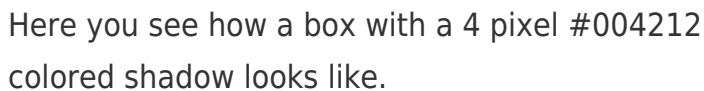
```
.border, #border, table{ border:4px solid
#004212 }
```

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

```
.border{ border-color:#004212 }
```

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

Here you see how a box with a 4 pixel #004212 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 #004212; -webkit-box-shadow:4px 4px  
4px 4px #004212; box-shadow:4px 4px 4px  
4px #004212 }
```

Background

The CSS property to change the background color of an element to Decimal 16914 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#004212 }
```

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

```
.background{ background-color:#004212 }
```

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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