

Converting Colors

Decimal(9014)

Have a look what the booklet for
Decimal(9014) contains.

Decimal(9014)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(9014)

Conversions

Conversions Part 1

Format	Color
Hex	002336
RGB	0, 35, 54
RGB Percent	0%, 14%, 21%
CMY	1.0000, 0.8627, 0.7882
CMYK	1.00, 0.35, 0.00, 0.79
HSL	201°, 100%, 11%
HSV	201°, 100%, 21%
XYZ	1.2669, 1.4684, 3.7067
YIQ	26.7010, -26.9590, -1.5110

Conversions

Conversions Part 2

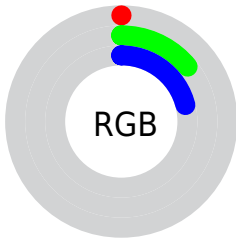
Format	Color
RYB	0, 21, 54
Decimal	9014
CIELab	12.41, -3.89, -15.84
CIElCh	12, 16.314, 256.212
Yxy	1.4684, 0.1967, 0.2279
Android (android.graphics.Color)	4278199094 (0xFF002336)
YUV	26.7010, 13.4584, -23.4168
Hunter-Lab	12.1178, -2.5443, -9.6537

Details

The Decimal color **9014** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **3543808**, and the grayscale version is **1776411**.

A 20% lighter version of the original color is **3362661**, and **7** is the 20% darker color. If you saturate the color by 10%, you get **9014**, and if you desaturate by 10%, it is **337206**.

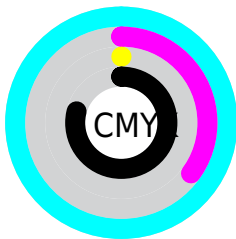
Distribution



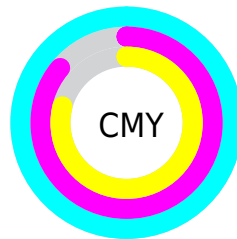
- Red (0%)
- Green (14%)
- Blue (21%)



- Red (0%)
- Yellow (8%)
- Blue (21%)



- Cyan (100%)
- Magenta (35%)
- Yellow (0%)
- Black (79%)



- Cyan (100%)
- Magenta (86%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 9014 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 9014 by changing the saturation by 10% instead.



9014



9014



15597567



3361



3362661



7



5007230



0



6652056



8297139



10073550



11850218



13692415



9014

■ 337206

■ 730934

■ 1059126

■ 1452854

■ 1781046

■ 2108982

■ 2502710

■ 2830902

■ 3224630

Harmonies

Analogous

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



9520



9014



1646390

Triad

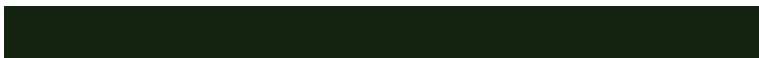
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



9014



3544859



1385488

Complementary

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



9014



3543808

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.



2236934



9014



3349008

Square

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



9014



3348518



2891270



206363

Rectangle

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



9014



2366514



2891270



1647372

Sweetspot

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



9014



3293255



13843



1515300



10724259



2368548

Same Dimension

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



9014



11847



2102



1645340



15452



36571

Inverse Universe

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



3538979



4653102



3550720



1841435



6029371



14352526

Previews

White Background



This preview shows how the Decimal color 9014 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

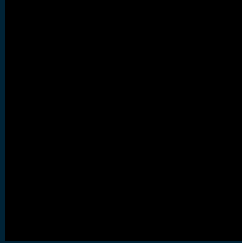
Any Text WCAG AA × Fail

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 9014 Background



This preview shows how black text looks on a background with the Decimal color 9014.



This preview shows how white text looks on a background with the Decimal color 9014.

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
9014

Protanopia
1712436

Deuteranopia
1319222

Trichromacy



Original Color
9014

Protanomaly
1122869

Deuteranomaly
860726

Tritanomaly
9261

Monochromacy



Original Color
9014

Achromatopsia
1776411

Achromatomaly
1121829

CSS Examples

Text

The CSS property to change the color of the text to Decimal 9014 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 #002336 looks like.

```
.text, #text, p{  
    color:#002336  
}
```

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 #002336 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #002336
}
```

Border

The CSS property to change the border of an element to Decimal 9014 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
#002336 }
```

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

```
.border{ border-color:#002336 }
```

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

Here you see how a box with a 4 pixel #002336 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #002336; -webkit-box-shadow:4px 4px  
4px 4px #002336; box-shadow:4px 4px 4px  
4px #002336 }
```

Background

The CSS property to change the background color of an element to Decimal 9014 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#002336 }
```

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

```
.background{ background-color:#002336 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor