

Converting Colors

Decimal(9029)

Have a look what the booklet for
Decimal(9029) contains.

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Color

Decimal(9029)

Conversions

Conversions Part 1

Format	Color
Hex	002345
RGB	0, 35, 69
RGB Percent	0%, 14%, 27%
CMY	1.0000, 0.8627, 0.7294
CMYK	1.00, 0.49, 0.00, 0.73
HSL	210°, 100%, 14%
HSV	210°, 100%, 27%
XYZ	1.6752, 1.6317, 5.8569
YIQ	28.4110, -31.7740, 3.1540

Conversions

Conversions Part 2

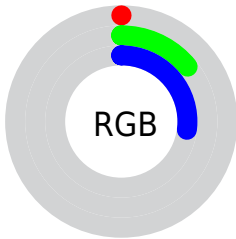
Format	Color
RYB	0, 23, 69
Decimal	9029
CIELab	13.42, 3.30, -24.77
CIELCh	13, 24.989, 277.591
Yxy	1.6317, 0.1828, 0.1781
Android (android.graphics.Color)	4278199109 (0xFF002345)
YUV	28.4110, 20.0104, -24.9164
Hunter-Lab	12.7739, 1.0546, -18.2429

Details

The Decimal color **9029** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **4530688**, and the grayscale version is **1842204**.

A 20% lighter version of the original color is **3755894**, and **281** is the 20% darker color. If you saturate the color by 10%, you get **9029**, and if you desaturate by 10%, it is **468549**.

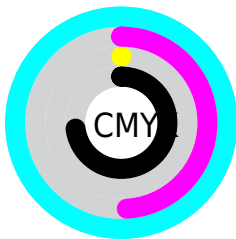
Distribution



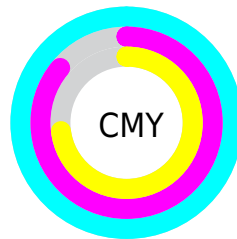
- Red (0%)
- Green (14%)
- Blue (27%)



- Red (0%)
- Yellow (9%)
- Blue (27%)



- Cyan (100%)
- Magenta (49%)
- Yellow (0%)
- Black (73%)



- Cyan (100%)
- Magenta (86%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 9029 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 9029 by changing the saturation by 10% instead.



9029



9029



16121855



3375



3755894



281



5400463



0



7045290



8821445



10597601



12374270



14216447



9029

■ 468549

■ 928325

■ 1387845

■ 1847621

■ 2307141

■ 2701125

■ 3160901

■ 3620421

■ 4080197

Harmonies

Analogous

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



10306



9029



2694206

Triad

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



9029



4134156



10772

Complementary

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



9029



4530688

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.



1451776



9029



3546112

Square

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



9029



4264223



2630400



11046

Rectangle

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



9029



3544629



2630400



141582

Sweetspot

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



9029



4082777



17697



1910318



11382189



3026478

Same Dimension

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



9029



11609



325



2105892



12899



29667

Inverse Universe

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



4522019



5832749



4539392



2367522



6488114



14876787

Previews

White Background



This preview shows how the Decimal color 9029 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

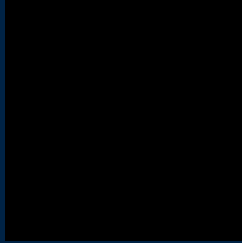
Any Text WCAG AA × Fail

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 9029 Background



This preview shows how black text looks on a background with the Decimal color 9029.



This preview shows how white text looks on a background with the Decimal color 9029.

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
9029

Protanopia
1057348

Deuteranopia
9279

Trichromacy



Original Color
9029

Protanomaly
664132

Deuteranomaly
9281

Tritanomaly
9780

Monochromacy



Original Color
9029

Achromatopsia
1842204

Achromatomaly
1187627

CSS Examples

Text

The CSS property to change the color of the text to Decimal 9029 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 #002345 looks like.

```
.text, #text, p{  
    color:#002345  
}
```

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 #002345 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #002345
}
```

Border

The CSS property to change the border of an element to Decimal 9029 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
#002345 }
```

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

```
.border{ border-color:#002345 }
```

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

Here you see how a box with a 4 pixel #002345 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #002345; -webkit-box-shadow:4px 4px  
4px 4px #002345; box-shadow:4px 4px 4px  
4px #002345 }
```

Background

The CSS property to change the background color of an element to Decimal 9029 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#002345 }
```

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

```
.background{ background-color:#002345 }
```

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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