

Converting Colors

Decimal(16209)

Have a look what the booklet for
Decimal(16209) contains.

Decimal(16209)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

Decimal(16209)

Conversions

Conversions Part 1

Format	Color
Hex	003F51
RGB	0, 63, 81
RGB Percent	0%, 25%, 32%
CMY	1.0000, 0.7529, 0.6824
CMYK	1.00, 0.22, 0.00, 0.68
HSL	193°, 100%, 16%
HSV	193°, 100%, 32%
XYZ	3.2627, 4.1491, 8.4135
YIQ	46.2150, -43.3260, -7.7580

Conversions

Conversions Part 2

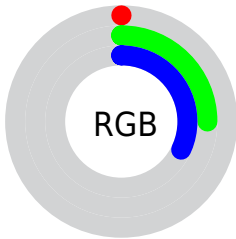
Format	Color
RYB	0, 35, 81
Decimal	16209
CIELab	24.16, -10.60, -15.95
CIELCh	24, 19.148, 236.395
Yxy	4.1491, 0.2062, 0.2622
Android (android.graphics.Color)	4278206289 (0xFF003F51)
YUV	46.2150, 17.1490, -40.5306
Hunter-Lab	20.3693, -7.0546, -10.2310

Details

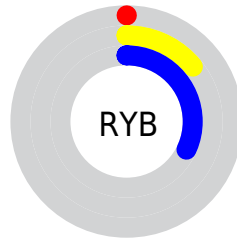
The Decimal color **16209** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **5313024**, and the grayscale version is **3026478**.

A 20% lighter version of the original color is **4091778**, and **5412** is the 20% darker color. If you saturate the color by 10%, you get **16209**, and if you desaturate by 10%, it is **541009**.

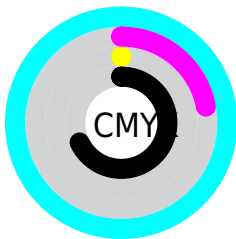
Distribution



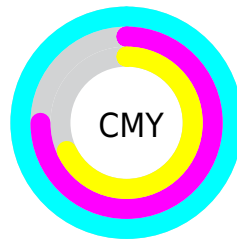
- Red (0%)
- Green (25%)
- Blue (32%)



- Red (0%)
- Yellow (14%)
- Blue (32%)



- Cyan (100%)
- Magenta (22%)
- Yellow (0%)
- Black (68%)

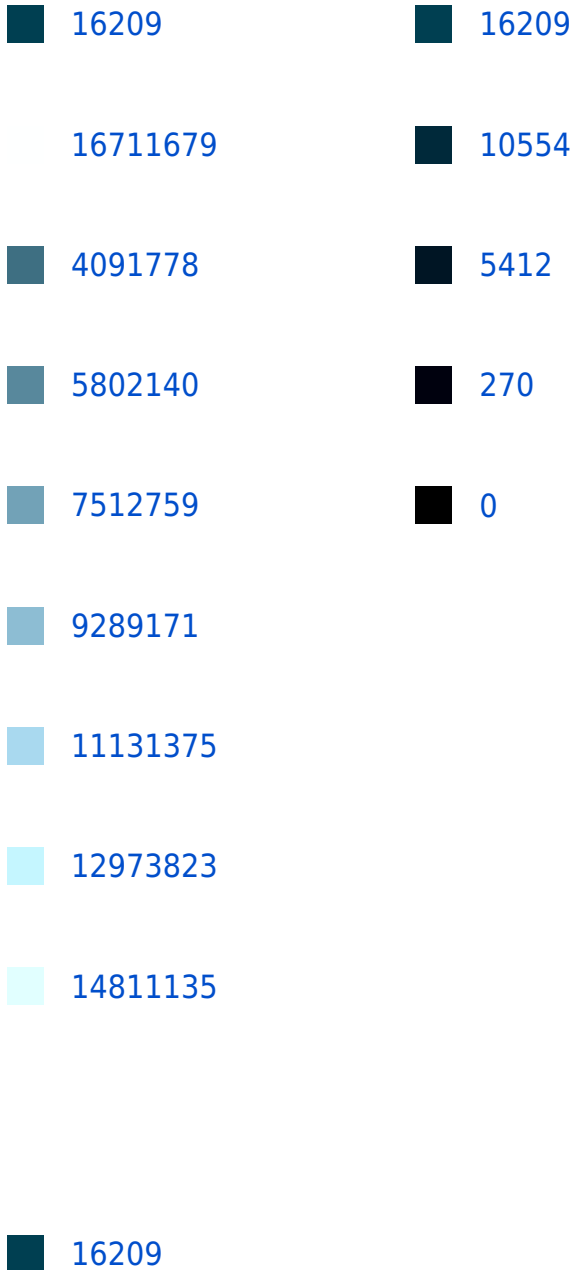


- Cyan (100%)
- Magenta (75%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 16209 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 16209 by changing the saturation by 10% instead.



■ 541009

■ 1065809

■ 1590353

■ 2115153

■ 2705489

■ 3230289

■ 3755089

■ 4279633

■ 4804433

Harmonies

Analogous

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



16710



16209



2112342

Triad

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



16209



5451324



3554335

Complementary

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



16209



5313024

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.



4470812



16209



5582637

Square

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



16209



4862282



5190434



2441001

Rectangle

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



16209



3225685



5190434



3881757

Sweetspot

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



16209



4809321



20754



2240822



11908533



3552822

Same Dimension

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



16209



20841



5969



2435113



46312

Inverse Universe

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



5308479



6881361



5323264



2696488



15204532

Previews

White Background



This preview shows how the Decimal color 16209 looks on a white background.

Color Contrast Check

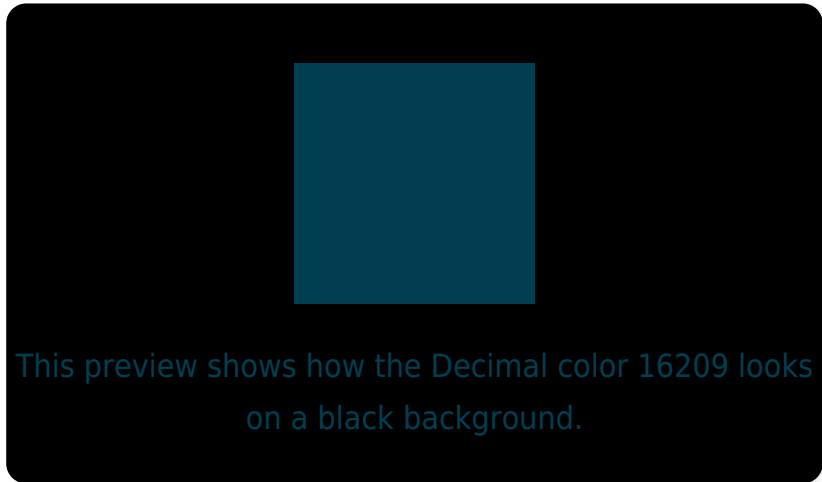
Large Text (above 18pt) WCAG AA ✓ Pass

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

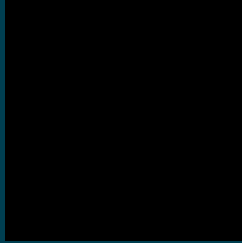
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

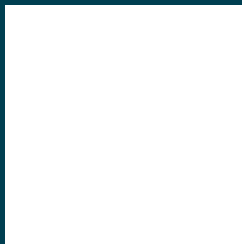
Any Text WCAG AAA × Fail

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

Decimal 16209 Background



This preview shows how black text looks on a background with the Decimal color 16209.



This preview shows how white text looks on a background with the Decimal color 16209.

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

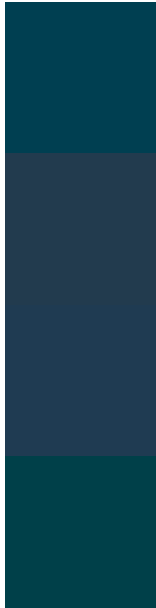


Original Color
16209

Protanopia
3488077

Deuteranopia
3225938

Trichromacy



Original Color
16209

Protanomaly
2243406

Deuteranomaly
2046802

Tritanomaly
16457

Monochromacy



Original Color
16209

Achromatopsia
3026478

Achromatomaly
1913915

CSS Examples

Text

The CSS property to change the color of the text to Decimal 16209 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 #003F51 looks like.

```
.text, #text, p{  
    color:#003F51  
}
```

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 #003F51 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #003F51
}
```

Border

The CSS property to change the border of an element to Decimal 16209 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
#003F51 }
```

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

```
.border{ border-color:#003F51 }
```

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

Here you see how a box with a 4 pixel #003F51 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #003F51; -webkit-box-shadow:4px 4px  
4px 4px #003F51; box-shadow:4px 4px 4px  
4px #003F51 }
```

Background

The CSS property to change the background color of an element to Decimal 16209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#003F51 }
```

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

```
.background{ background-color:#003F51 }
```

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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