

Converting Colors

Decimal(9109)

Have a look what the booklet for
Decimal(9109) contains.

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Color

Decimal(9109)

Conversions

Conversions Part 1

Format	Color
Hex	002395
RGB	0, 35, 149
RGB Percent	0%, 14%, 58%
CMY	1.0000, 0.8627, 0.4157
CMYK	1.00, 0.77, 0.00, 0.42
HSL	226°, 100%, 29%
HSV	226°, 100%, 58%
XYZ	6.0258, 3.3720, 28.7670
YIQ	37.5310, -57.4540, 28.0340

Conversions

Conversions Part 2

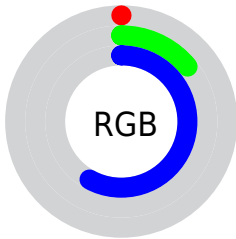
Format	Color
R _Y B	0, 28, 149
Decimal	9109
CIE _{Lab}	21.48, 37.84, -63.72
CIE _{LCh}	21, 74.107, 300.702
Yxy	3.3720, 0.1579, 0.0884
Android (android.graphics.Color)	4278199189 (0xFF002395)
YUV	37.5310, 54.9542, -32.9147
Hunter-Lab	18.3630, 26.4399, -80.0283

Details

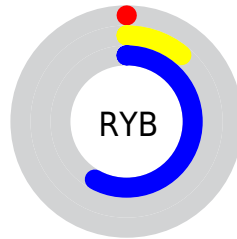
The Decimal color **9109** is a dark color, and the websafe version is hex **003399**, and the color name is **imperial blue**. A complement of this color would be **9794048**, and the grayscale version is **2434341**.

A 20% lighter version of the original color is **5656780**, and **97** is the 20% darker color. If you saturate the color by 10%, you get **9109**, and if you desaturate by 10%, it is **994965**.

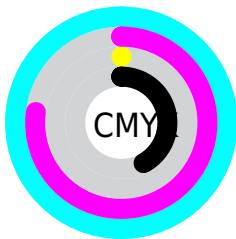
Distribution



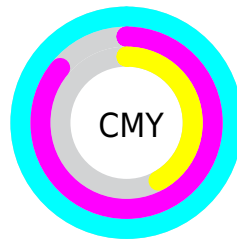
- Red (0%)
- Green (14%)
- Blue (58%)



- Red (0%)
- Yellow (11%)
- Blue (58%)



- Cyan (100%)
- Magenta (77%)
- Yellow (0%)
- Black (42%)




















- Cyan (100%)
- Magenta (86%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 9109 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 9109 by changing the saturation by 10% instead.

 9109	 9109
 16777215	 3706
 5656780	 97
 7629289	 2120
 9601791	 1072
 11508991	 283
 13481983	 0
 15455231	
 16773375	
 9109	

■ 994965

■ 1981077

■ 2966933

■ 3953045

■ 4938901

■ 5859221

■ 6845333

■ 7831189

■ 8817301

Harmonies

Analogous

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



15782



9109



7340139

Triad

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



9109



6820352



17972

Complementary

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



9109



9794048

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.



17152



9109



4141824

Square

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



9109



8650752



16128



18283

Rectangle

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



9109



8716359



16128



17696

Sweetspot

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



9109



8951234



38256



4081249



14737632



6381921

Same Dimension

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



9109



11970



2424981



4408394



8330



522

Inverse Universe

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



9764899



12714030



7378176



4866884



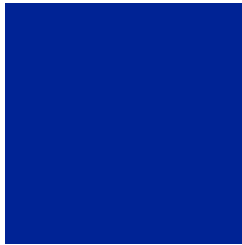
9044000



655362

Previews

White Background



This preview shows how the Decimal color 9109 looks on a white background.

Color Contrast Check

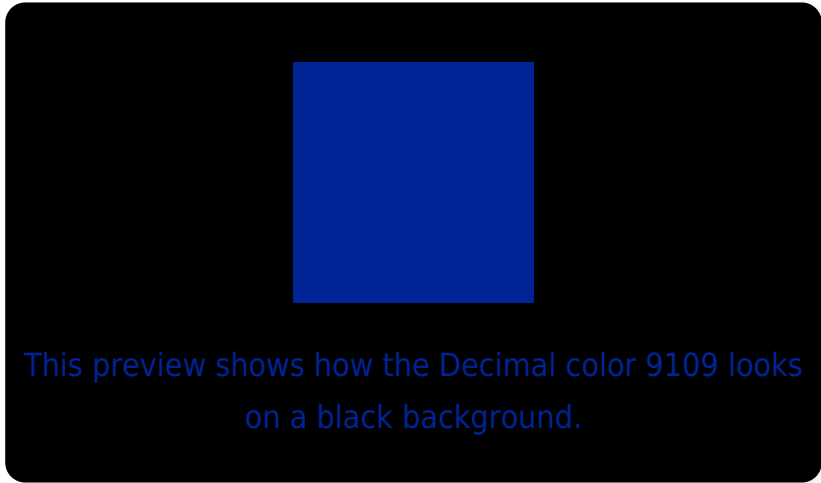
Large Text (above 18pt) WCAG AA ✓ Pass

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

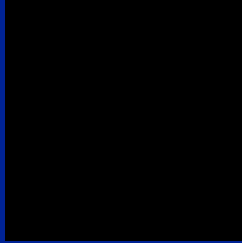
Any Text WCAG AA × Fail

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 9109 Background



This preview shows how black text looks on a background with the Decimal color 9109.



This preview shows how white text looks on a background with the Decimal color 9109.

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
9109

Protanopia
13163

Deuteranopia
13915



Tritanopia
15165

Trichromacy



Original Color
9109

Protanomaly
11642

Deuteranomaly
12144

Tritanomaly
12893

Monochromacy



Original Color
9109

Achromatopsia
2500134

Achromatomaly
1582414

CSS Examples

Text

The CSS property to change the color of the text to Decimal 9109 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 #002395 looks like.

```
.text, #text, p{  
    color:#002395  
}
```

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 #002395 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #002395
}
```

Border

The CSS property to change the border of an element to Decimal 9109 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
#002395 }
```

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

```
.border{ border-color:#002395 }
```

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

Here you see how a box with a 4 pixel #002395 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #002395; -webkit-box-shadow:4px 4px  
4px 4px #002395; box-shadow:4px 4px 4px  
4px #002395 }
```

Background

The CSS property to change the background color of an element to Decimal 9109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#002395 }
```

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

```
.background{ background-color:#002395 }
```

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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