

Converting Colors

Decimal(5979)

Have a look what the booklet for
Decimal(5979) contains.

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Color

Decimal(5979)

Conversions

Conversions Part 1

Format	Color
Hex	00175B
RGB	0, 23, 91
RGB Percent	0%, 9%, 36%
CMY	1.0000, 0.9098, 0.6431
CMYK	1.00, 0.75, 0.00, 0.64
HSL	225°, 100%, 18%
HSV	225°, 100%, 36%
XYZ	2.1947, 1.3681, 10.0459
YIQ	23.8750, -35.5360, 16.2720

Conversions

Conversions Part 2

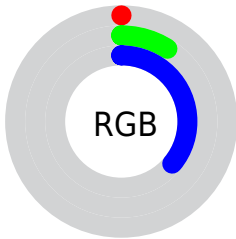
Format	Color
RYB	0, 18, 91
Decimal	5979
CIELab	11.74, 22.80, -42.54
CIELCh	12, 48.262, 298.185
Yxy	1.3681, 0.1613, 0.1005
Android (android.graphics.Color)	4278196059 (0xFF00175B)
YUV	23.8750, 33.0926, -20.9384
Hunter-Lab	11.6967, 13.0239, -42.7347

Details

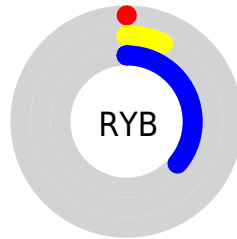
The Decimal color **5979** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **5981184**, and the grayscale version is **1579032**.

A 20% lighter version of the original color is **4342414**, and **812** is the 20% darker color. If you saturate the color by 10%, you get **5979**, and if you desaturate by 10%, it is **597595**.

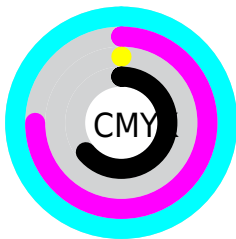
Distribution



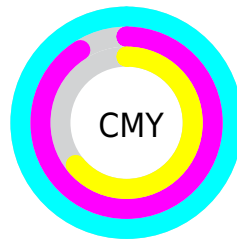
- Red (0%)
- Green (9%)
- Blue (36%)



- Red (0%)
- Yellow (7%)
- Blue (36%)



- Cyan (100%)
- Magenta (75%)
- Yellow (0%)
- Black (64%)



- Cyan (100%)
- Magenta (91%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5979 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 5979 by changing the saturation by 10% instead.

■ 5979 ■ 5979

■ 16775679 ■ 67

■ 4342414 ■ 812

■ 6117801 ■ 278

■ 7893444 ■ 0

■ 9669601

■ 11511293

■ 13418751

■ 15260927

■ 5979

■ 597595

■ 1189211

■ 1780571

■ 2372187

■ 3029339

■ 3620955

■ 4212571

■ 4803931

■ 5395547

Harmonies

Analogous

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



9571



5979



4325443

Triad

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



5979



4328192



11292

Complementary

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



5979



5981184

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.



10752



5979



2759936

Square

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



5979



5373952



206336



11582

Rectangle

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



5979



5242926



206336



11279

Sweetspot

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



5979



5397365



23363



2501435



12237498



3881787

Same Dimension

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



5979



7797



1376347



2697774



7278



15597

Inverse Universe

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



5963799



7667742



4610816



3025194



7208988



15532092

Previews

White Background



This preview shows how the Decimal color 5979 looks on a white background.

Color Contrast Check

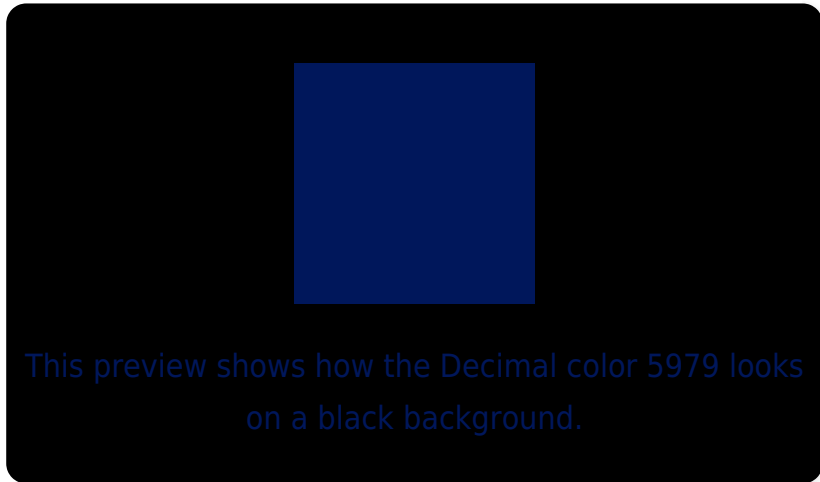
Large Text (above 18pt) WCAG AA ✓ Pass

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

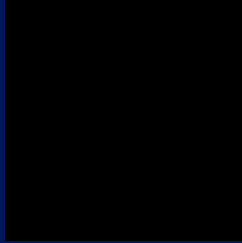
Any Text WCAG AA × Fail

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 5979 Background



This preview shows how black text looks on a background with the Decimal color 5979.



This preview shows how white text looks on a background with the Decimal color 5979.

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
5979

Protanopia
8259

Deuteranopia
8761

Trichromacy



Original Color
5979

Protanomaly
7500

Deuteranomaly
7749

Tritanomaly
8249

Monochromacy



Original Color
5979

Achromatopsia
1579032

Achromatomaly
989232

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5979 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 #00175B looks like.

```
.text, #text, p{  
    color:#00175B  
}
```

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 #00175B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00175B
}
```

Border

The CSS property to change the border of an element to Decimal 5979 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
#00175B }
```

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

```
.border{ border-color:#00175B }
```

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

Here you see how a box with a 4 pixel #00175B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00175B; -webkit-box-shadow:4px 4px  
4px 4px #00175B; box-shadow:4px 4px 4px  
4px #00175B }
```

Background

The CSS property to change the background color of an element to Decimal 5979 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00175B }
```

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

```
.background{ background-color:#00175B }
```

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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