

Converting Colors

Decimal(5934)

Have a look what the booklet for
Decimal(5934) contains.

Decimal(5934)	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(5934)

Conversions

Conversions Part 1

Format	Color
Hex	00172E
RGB	0, 23, 46
RGB Percent	0%, 9%, 18%
CMY	1.0000, 0.9098, 0.8196
CMYK	1.00, 0.50, 0.00, 0.82
HSL	210°, 100%, 9%
HSV	210°, 100%, 18%
XYZ	0.7995, 0.8100, 2.6990
YIQ	18.7450, -21.0910, 2.2770

Conversions

Conversions Part 2

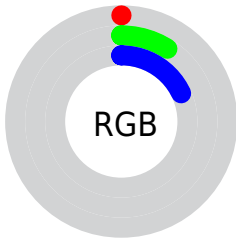
Format	Color
RYB	0, 15, 46
Decimal	5934
CIELab	7.32, 1.21, -18.11
CIELCh	7, 18.153, 273.831
Yxy	0.8100, 0.1856, 0.1880
Android (android.graphics.Color)	4278196014 (0xFF00172E)
YUV	18.7450, 13.4367, -16.4394
Hunter-Lab	9.0003, 0.1065, -11.4796

Details

The Decimal color **5934** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **3020544**, and the grayscale version is **1250067**.

A 20% lighter version of the original color is **3162460**, and **0** is the 20% darker color. If you saturate the color by 10%, you get **5934**, and if you desaturate by 10%, it is **334126**.

Distribution



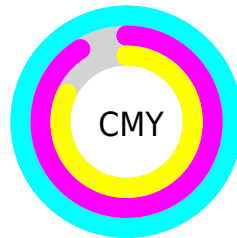
- Red (0%)
- Green (9%)
- Blue (18%)



- Red (0%)
- Yellow (6%)
- Blue (18%)



- Cyan (100%)
- Magenta (50%)
- Yellow (0%)
- Black (82%)



- Cyan (100%)
- Magenta (91%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5934 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 5934 by changing the saturation by 10% instead.



5934



5934



15202559



281



3162460



0



4741493



6320526



8030889



9741764



11518176



13360381



5934

■ 334126

■ 597038

■ 925230

■ 1187886

■ 1516334

■ 1844526

■ 2107182

■ 2435374

■ 2698286

Harmonies

Analogous

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



6955



5934



1643050

Triad

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



5934



2886915



7174

Complementary

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



5934



3020544

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.



924160



5934



2494720

Square

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



5934



2886421



1840640



7447

Rectangle

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



5934



2232100



1840640



72448

Sweetspot

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



5934



2699835



11799



1317151



10395294



2039583

Same Dimension

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



5934



7483



46



1381911



11095



27606

Inverse Universe

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



3014679



3866653



3026432



1512726



5701675



14024811

Previews

White Background



This preview shows how the Decimal color 5934 looks on a white background.

Color Contrast Check

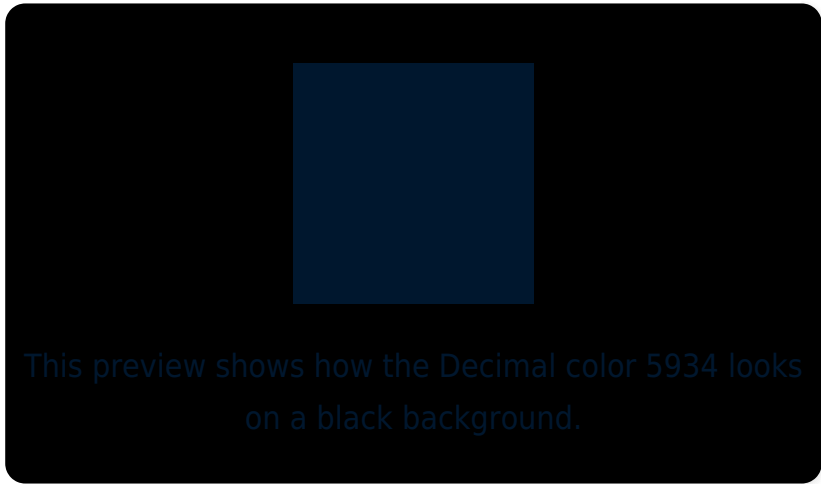
Large Text (above 18pt) WCAG AA ✓ Pass

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

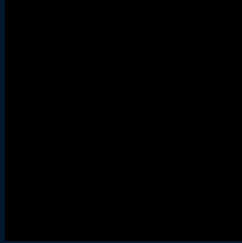
Any Text WCAG AA × Fail

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 5934 Background



This preview shows how black text looks on a background with the Decimal color 5934.



This preview shows how white text looks on a background with the Decimal color 5934.

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
5934

Protanopia
661294

Deuteranopia
6186

Trichromacy



Original Color
5934

Protanomaly
399150

Deuteranomaly
6187

Tritanomaly
6435

Monochromacy



Original Color
5934

Achromatopsia
1250067

Achromatomaly
791581

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5934 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 #00172E looks like.

```
.text, #text, p{  
    color:#00172E  
}
```

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 #00172E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00172E
}
```

Border

The CSS property to change the border of an element to Decimal 5934 is called "border". The border property can be set on classes, ids or directly on the HTML element.

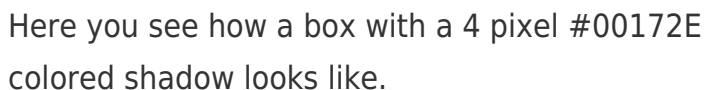
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#00172E }
```

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

```
.border{ border-color:#00172E }
```

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



Here you see how a box with a 4 pixel #00172E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00172E; -webkit-box-shadow:4px 4px  
4px 4px #00172E; box-shadow:4px 4px 4px  
4px #00172E }
```

Background

The CSS property to change the background color of an element to Decimal 5934 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00172E }
```

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

```
.background{ background-color:#00172E }
```

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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