

Converting Colors

Decimal(3940)

Have a look what the booklet for
Decimal(3940) contains.

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Color

Decimal(3940)

Conversions

Conversions Part 1

Format	Color
Hex	000F64
RGB	0, 15, 100
RGB Percent	0%, 6%, 39%
CMY	1.0000, 0.9412, 0.6078
CMYK	1.00, 0.85, 0.00, 0.61
HSL	231°, 100%, 20%
HSV	231°, 100%, 39%
XYZ	2.4711, 1.2617, 12.1699
YIQ	20.2050, -36.2250, 23.2550

Conversions

Conversions Part 2

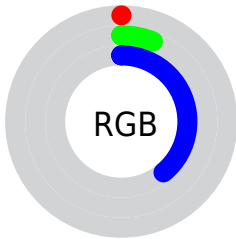
Format	Color
RYB	0, 13, 100
Decimal	3940
CIELab	11.01, 31.72, -49.78
CIELCh	11, 59.026, 302.506
Yxy	1.2617, 0.1554, 0.0793
Android (android.graphics.Color)	4278194020 (0xFF000F64)
YUV	20.2050, 39.3389, -17.7198
Hunter-Lab	11.2328, 19.6106, -56.3736

Details

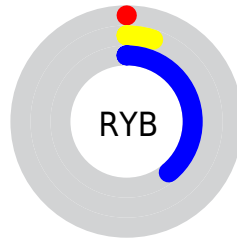
The Decimal color **3940** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **6575360**, and the grayscale version is **1315860**.

A 20% lighter version of the original color is **4668056**, and **1076** is the 20% darker color. If you saturate the color by 10%, you get **3940**, and if you desaturate by 10%, it is **661348**.

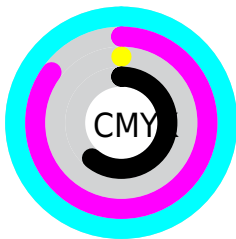
Distribution



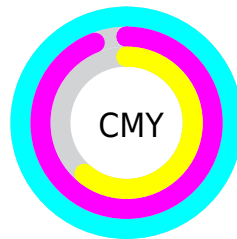
- Red (0%)
- Green (6%)
- Blue (39%)



- Red (0%)
- Yellow (5%)
- Blue (39%)



- Cyan (100%)
- Magenta (85%)
- Yellow (0%)
- Black (61%)



- Cyan (100%)
- Magenta (94%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 3940 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 3940 by changing the saturation by 10% instead.

■ 3940 ■ 3940

■ 16773631 ■ 76

■ 4668056 ■ 1076

■ 6509235 ■ 542

■ 8284879 ■ 0

■ 10126572

■ 11968255

■ 13875711

■ 15783423

■ 3940

■ 661348

■ 1319012

■ 1976420

■ 2634084

■ 3291492

■ 3949156

■ 4606820

■ 5264228

■ 5921892

Harmonies

Analogous

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



9330



3940



4980804

Triad

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



3940



4261376



11040

Complementary

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



3940



6575360

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.



11008



3940



2301440

Square

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



3940



5636096



9984



11593

Rectangle

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



3940



5898282



9984



11025

Sweetspot

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



3940



5988738



25685



2764354



12763842



4342338

Same Dimension

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



3940



5250



2293860



3026739



4467



9458

Inverse Universe

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



6553615



8519700



4285440



3354159



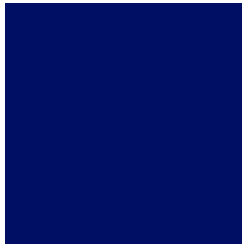
7536657



15859748

Previews

White Background



This preview shows how the Decimal color 3940 looks on a white background.

Color Contrast Check

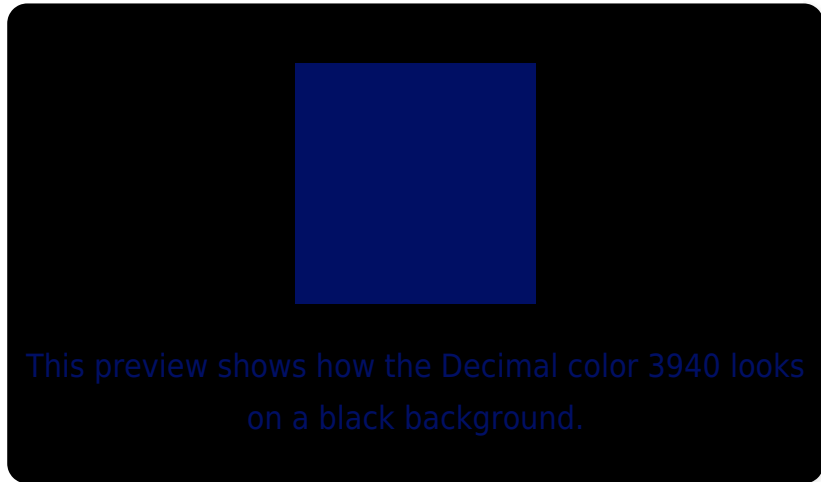
Large Text (above 18pt) WCAG AA ✓ Pass

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

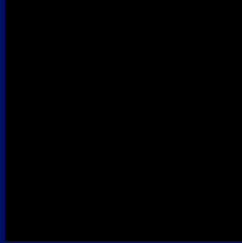
Any Text WCAG AA × Fail

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 3940 Background



This preview shows how black text looks on a background with the Decimal color 3940.



This preview shows how white text looks on a background with the Decimal color 3940.

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
3940

Protanopia
8001

Deuteranopia
8503

Trichromacy



Original Color
3940

Protanomaly
6478

Deuteranomaly
6727

Monochromacy



Original Color
3940

Achromatopsia
1315860

Achromatomaly
856625

CSS Examples

Text

The CSS property to change the color of the text to Decimal 3940 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 #000F64 looks like.

```
.text, #text, p{  
    color:#000F64  
}
```

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 #000F64 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #000F64
}
```

Border

The CSS property to change the border of an element to Decimal 3940 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
#000F64 }
```

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

```
.border{ border-color:#000F64 }
```

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

Here you see how a box with a 4 pixel #000F64 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #000F64; -webkit-box-shadow:4px 4px  
4px 4px #000F64; box-shadow:4px 4px 4px  
4px #000F64 }
```

Background

The CSS property to change the background color of an element to Decimal 3940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#000F64 }
```

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

```
.background{ background-color:#000F64 }
```

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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