

Converting Colors

Decimal(40)

Have a look what the booklet for
Decimal(40) contains.

Decimal(40)	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(40)

Conversions

Conversions Part 1

Format	Color
Hex	000028
RGB	0, 0, 40
RGB Percent	0%, 0%, 16%
CMY	1.0000, 1.0000, 0.8431
CMYK	1.00, 1.00, 0.00, 0.84
HSL	240°, 100%, 8%
HSV	240°, 100%, 16%
XYZ	0.3830, 0.1532, 2.0169
YIQ	4.5600, -12.8400, 12.4400

Conversions

Conversions Part 2

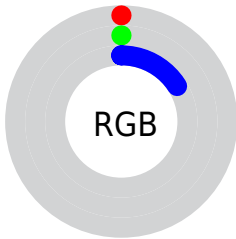
Format	Color
RYB	0, 0, 40
Decimal	40
CIELab	1.38, 9.72, -22.95
CIELCh	1, 24.921, 292.967
Yxy	0.1532, 0.1500, 0.0600
Android (android.graphics.Color)	4278190120 (0xFF000028)
YUV	4.5600, 17.4719, -3.9991
Hunter-Lab	3.9141, 10.6170, -27.8113

Details

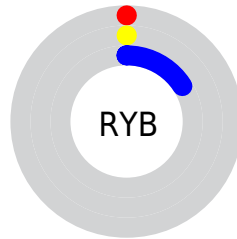
The Decimal color **40** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **2631680**, and the grayscale version is **263172**.

A 20% lighter version of the original color is **2961493**, and **0** is the 20% darker color. If you saturate the color by 10%, you get **40**, and if you desaturate by 10%, it is **263208**.

Distribution



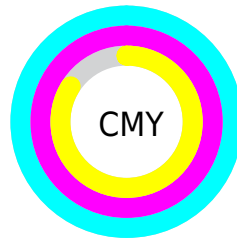
- Red (0%)
- Green (0%)
- Blue (16%)



- Red (0%)
- Yellow (0%)
- Blue (16%)



- Cyan (100%)
- Magenta (100%)
- Yellow (0%)
- Black (84%)



- Cyan (100%)
- Magenta (100%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 40 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 40 by changing the saturation by 10% instead.

■ 40

■ 40

■ 14934783

■ 274

■ 2961493

■ 0

■ 4540270

■ 6119047

■ 7763874

■ 9474237

■ 11250648

■ 13092597

■ 40

■ 263208

■ 526376

■ 789544

■ 1052712

■ 1315880

■ 1579048

■ 1842216

■ 2105384

■ 2368552

Harmonies

Analogous

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



2602



40



1835038

Triad

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



40



2097152



2304

Complementary

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



40



2631680

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.



2304



40



983552

Square

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



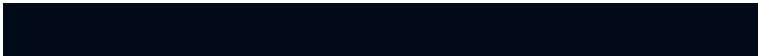
40



2555904



2304



2839

Rectangle

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



40



2359317



2304

Sweetspot

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



40



2368563



10280



1052698



10066329



1710618

Same Dimension

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



40



51



1310760



1184276



84



212

Inverse Universe

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



2621480



3342387



1320960



1315348



5505108



13893844

Previews

White Background



This preview shows how the Decimal color 40 looks on a white background.

Color Contrast Check

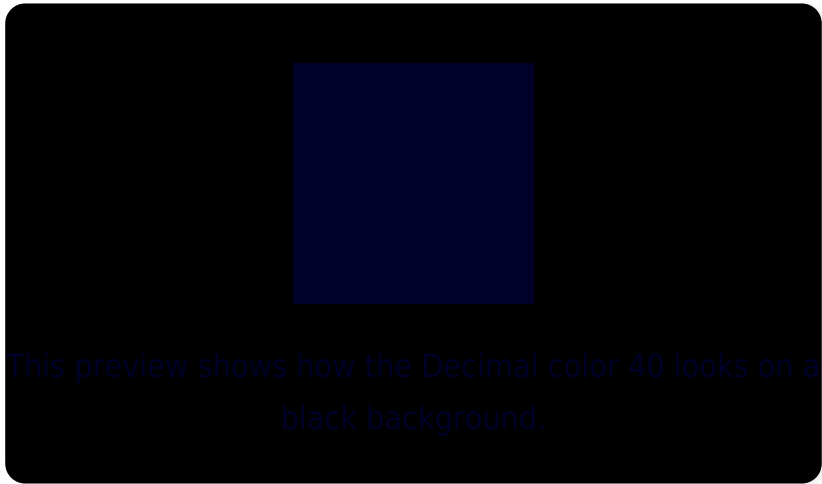
Large Text (above 18pt) WCAG AA ✓ Pass

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

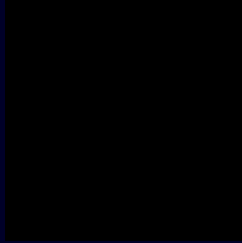
Any Text WCAG AA × Fail

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 40 Background



This preview shows how black text looks on a background with the Decimal color 40.



This preview shows how white text looks on a background with the Decimal color 40.

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

40

Protanopia

3096

Deuteranopia

3093

Trichromacy



Original Color

40

Protanomaly

2078

Deuteranomaly

2076

Tritanomaly

2071

Monochromacy



Original Color

40

Achromatopsia

328965

Achromatomaly

197394

CSS Examples

Text

The CSS property to change the color of the text to Decimal 40 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 #000028 looks like.

```
.text, #text, p{  
    color:#000028  
}
```

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 #000028 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #000028
}
```

Border

The CSS property to change the border of an element to Decimal 40 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
#000028 }
```

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

```
.border{ border-color:#000028 }
```

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

Here you see how a box with a 4 pixel #000028 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #000028; -webkit-box-shadow:4px 4px  
4px 4px #000028; box-shadow:4px 4px 4px  
4px #000028 }
```

Background

The CSS property to change the background color of an element to Decimal 40 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#000028 }
```

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

```
.background{ background-color:#000028 }
```

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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