

Converting Colors

Decimal(33)

Have a look what the booklet for
Decimal(33) contains.

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Color

Decimal(33)

Conversions

Conversions Part 1

Format	Color
Hex	000021
RGB	0, 0, 33
RGB Percent	0%, 0%, 13%
CMY	1.0000, 1.0000, 0.8706
CMYK	1.00, 1.00, 0.00, 0.87
HSL	240°, 100%, 6%
HSV	240°, 100%, 13%
XYZ	0.2745, 0.1098, 1.4456
YIQ	3.7620, -10.5930, 10.2630

Conversions

Conversions Part 2

Format	Color
RYB	0, 0, 33
Decimal	33
CIELab	0.99, 6.97, -18.06
CIELCh	1, 19.359, 291.102
Yxy	0.1098, 0.1500, 0.0600
Android (android.graphics.Color)	4278190113 (0xFF000021)
YUV	3.7620, 14.4143, -3.2993
Hunter-Lab	3.3137, 8.9884, -23.5452

Details

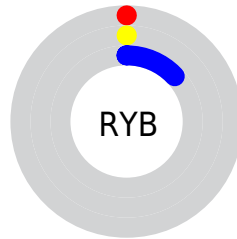
The Decimal color **33** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **2171136**, and the grayscale version is **263172**.

A 20% lighter version of the original color is **2961485**, and **0** is the 20% darker color. If you saturate the color by 10%, you get **33**, and if you desaturate by 10%, it is **197409**.

Distribution



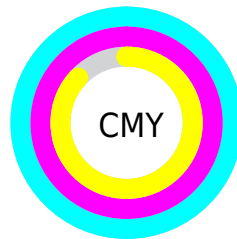
- Red (0%)
- Green (0%)
- Blue (13%)



- Red (0%)
- Yellow (0%)
- Blue (13%)



- Cyan (100%)
- Magenta (100%)
- Yellow (0%)
- Black (87%)



- Cyan (100%)
- Magenta (100%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 33 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 33 by changing the saturation by 10% instead.

■ 33

■ 33

■ 14869247

■ 6

■ 2961485

■ 0

■ 4474725

■ 6053502

■ 7698328

■ 9408947

■ 11185102

■ 13027051

■ 33

■ 197409

■ 460577

■ 657953

■ 855329

■ 1118497

■ 1315873

■ 1513249

■ 1710625

■ 1973793

Harmonies

Analogous

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



2082



33



1507354

Triad

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



33



1835008



1792

Complementary

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



33



2171136

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.



1792



33



852224

Square

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



33



2228224



1792



2066

Rectangle

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



33



2031634



1792

Sweetspot

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



33



1973803



8481



986903



9868950



1513239

Same Dimension

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



33



43



1114145



921103



79



207

Inverse Universe

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



2162721



2818091



1122560



986639



5177423



13566159

Previews

White Background



This preview shows how the Decimal color 33 looks on a white background.

Color Contrast Check

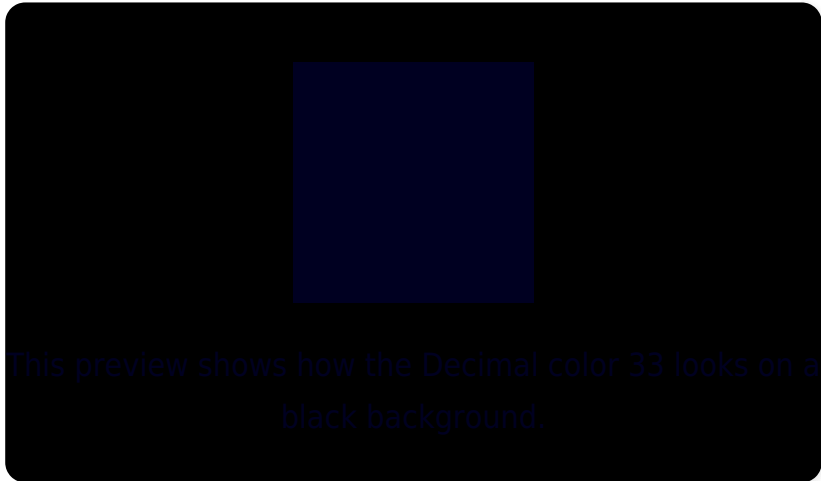
Large Text (above 18pt) WCAG AA ✓ Pass

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

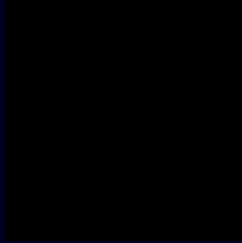
Any Text WCAG AA × Fail

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 33 Background



This preview shows how black text looks on a background with the Decimal color 33.



This preview shows how white text looks on a background with the Decimal color 33.

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

33

Protanopia

2580

Deuteranopia

2577

Trichromacy



Original Color

33

Protanomaly

1561

Deuteranomaly

1559

Tritanomaly

1812

Monochromacy



Original Color

33

Achromatopsia

263172

Achromatomaly

197391

CSS Examples

Text

The CSS property to change the color of the text to Decimal 33 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 #000021 looks like.

```
.text, #text, p{  
    color:#000021  
}
```

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 #000021 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #000021
}
```

Border

The CSS property to change the border of an element to Decimal 33 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
#000021 }
```

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

```
.border{ border-color:#000021 }
```

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

Here you see how a box with a 4 pixel #000021 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #000021; -webkit-box-shadow:4px 4px  
4px 4px #000021; box-shadow:4px 4px 4px  
4px #000021 }
```

Background

The CSS property to change the background color of an element to Decimal 33 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#000021 }
```

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

```
.background{ background-color:#000021 }
```

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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