

Converting Colors

Decimal(86)

Have a look what the booklet for
Decimal(86) contains.

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Color

Decimal(86)

Conversions

Conversions Part 1

Format	Color
Hex	000056
RGB	0, 0, 86
RGB Percent	0%, 0%, 34%
CMY	1.0000, 1.0000, 0.6627
CMYK	1.00, 1.00, 0.00, 0.66
HSL	240°, 100%, 17%
HSV	240°, 100%, 34%
XYZ	1.6797, 0.6719, 8.8453
YIQ	9.8040, -27.6060, 26.7460

Conversions

Conversions Part 2

Format	Color
RYB	0, 0, 86
Decimal	86
CIELab	6.07, 35.11, -48.57
CIElCh	6, 59.932, 305.864
Yxy	0.6719, 0.1500, 0.0600
Android (android.graphics.Color)	4278190166 (0xFF000056)
YUV	9.8040, 37.5646, -8.5981
Hunter-Lab	8.1969, 22.2340, -58.2422

Details

The Decimal color **86** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **5658112**, and the grayscale version is **592137**.

A 20% lighter version of the original color is **4402313**, and **807** is the 20% darker color. If you saturate the color by 10%, you get **86**, and if you desaturate by 10%, it is **592214**.

Distribution



- Red (0%)
- Green (0%)
- Blue (34%)



- Red (0%)
- Yellow (0%)
- Blue (34%)



- Cyan (100%)
- Magenta (100%)
- Yellow (0%)
- Black (66%)



- Cyan (100%)
- Magenta (100%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 86 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 86 by changing the saturation by 10% instead.

■ 86

■ 86

■ 16769279

■ 62

■ 4402313

■ 807

■ 6177700

■ 273

■ 7953343

■ 0

■ 9794779

■ 11636472

■ 13478399

■ 15385855

■ 86

■ 592214

■ 1118550

■ 1710678

■ 2237014

■ 2829142

■ 3421270

■ 3947606

■ 4539734

■ 5066070

Harmonies

Analogous

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



6758



86



4390965

Triad

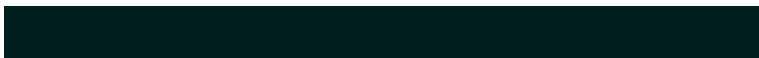
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



86



3276800



7707

Complementary

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



86



5658112

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.



7424



86



1119744

Square

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



86



4653056



7424



8258

Rectangle

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



86



5111835



7424



7690

Sweetspot

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



86



5197680



22102



2368568



12105912



3684408

Same Dimension

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



86



112



2818134



2565931



107



235

Inverse Universe

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



5636182



7340144



2840064



2828075



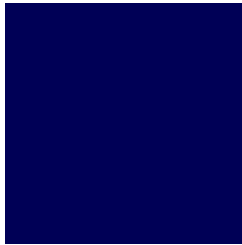
7012459



15401195

Previews

White Background



This preview shows how the Decimal color 86 looks on a white background.

Color Contrast Check

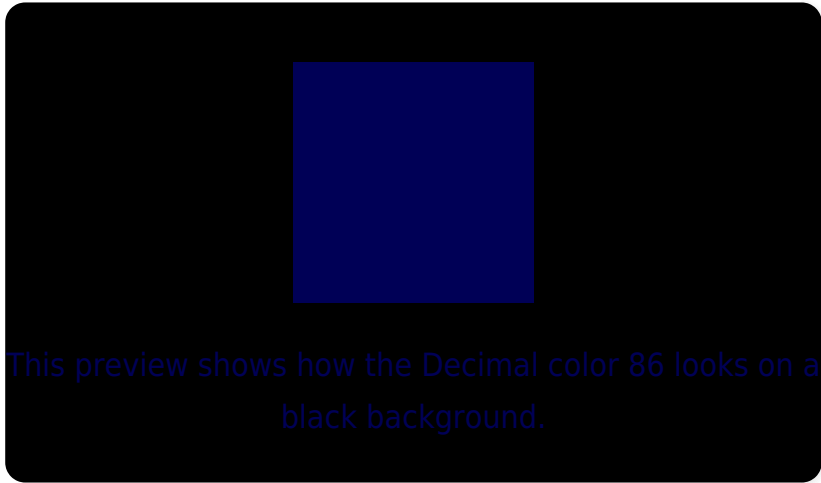
Large Text (above 18pt) WCAG AA ✓ Pass

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

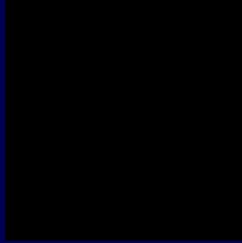
Any Text WCAG AA × Fail

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 86 Background



This preview shows how black text looks on a background with the Decimal color 86.



This preview shows how white text looks on a background with the Decimal color 86.

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



Trichromacy



Original Color
86

Protanomaly
4161

Deuteranomaly
4412

Tritanomaly
4658

Monochromacy



Original Color
86

Achromatopsia
657930

Achromatomaly
394790

CSS Examples

Text

The CSS property to change the color of the text to Decimal 86 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 #000056 looks like.

```
.text, #text, p{  
    color:#000056  
}
```

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 #000056 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #000056
}
```

Border

The CSS property to change the border of an element to Decimal 86 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
#000056 }
```

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

```
.border{ border-color:#000056 }
```

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

Here you see how a box with a 4 pixel #000056 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #000056; -webkit-box-shadow:4px 4px  
4px 4px #000056; box-shadow:4px 4px 4px  
4px #000056 }
```

Background

The CSS property to change the background color of an element to Decimal 86 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#000056 }
```

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

```
.background{ background-color:#000056 }
```

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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