

Converting Colors

Decimal(5955)

Have a look what the booklet for
Decimal(5955) contains.

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Color

Decimal(5955)

Conversions

Conversions Part 1

Format	Color
Hex	001743
RGB	0, 23, 67
RGB Percent	0%, 9%, 26%
CMY	1.0000, 0.9098, 0.7373
CMYK	1.00, 0.66, 0.00, 0.74
HSL	219°, 100%, 13%
HSV	219°, 100%, 26%
XYZ	1.3195, 1.0180, 5.4371
YIQ	21.1390, -27.8320, 8.8080

Conversions

Conversions Part 2

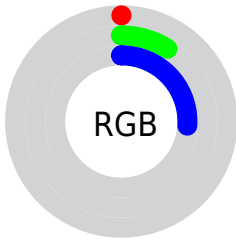
Format	Color
RYB	0, 17, 67
Decimal	5955
CIELab	9.14, 11.80, -30.30
CIELCh	9, 32.521, 291.283
Yxy	1.0180, 0.1697, 0.1309
Android (android.graphics.Color)	4278196035 (0xFF001743)
YUV	21.1390, 22.6095, -18.5389
Hunter-Lab	10.0898, 5.6866, -24.8871

Details

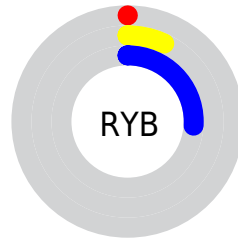
The Decimal color **5955** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **4402176**, and the grayscale version is **1381653**.

A 20% lighter version of the original color is **3686772**, and **279** is the 20% darker color. If you saturate the color by 10%, you get **5955**, and if you desaturate by 10%, it is **465731**.

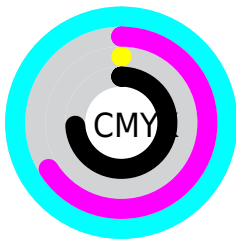
Distribution



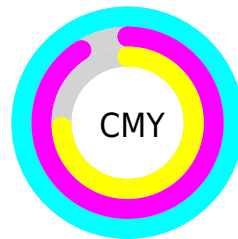
- Red (0%)
- Green (9%)
- Blue (26%)



- Red (0%)
- Yellow (7%)
- Blue (26%)



- Cyan (100%)
- Magenta (66%)
- Yellow (0%)
- Black (74%)



- Cyan (100%)
- Magenta (91%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5955 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 5955 by changing the saturation by 10% instead.



5955



5955



16120063



45



3686772



279



5396621



0



7041448



8817347



10593503



12369916



14212095



5955

■ 465731

■ 860227

■ 1320003

■ 1780035

■ 2239811

■ 2634051

■ 3094083

■ 3553859

■ 3948355

Harmonies

Analogous

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



8005



5955



2951733

Triad

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



5955



3541760



9234

Complementary

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



5955



4402176

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.



8704



5955



2561792

Square

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



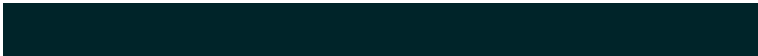
5955



4063239



1187072



9257

Rectangle

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



5955



3670056



1187072



8967

Sweetspot

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



5955



4015703



17196



1843499



11250603



2829099

Same Dimension

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



5955



7767



655427



1974049



8545



19936

Inverse Universe

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



4390935



5701662



3752704



2170399



6357025



14680141

Previews

White Background



This preview shows how the Decimal color 5955 looks on a white background.

Color Contrast Check

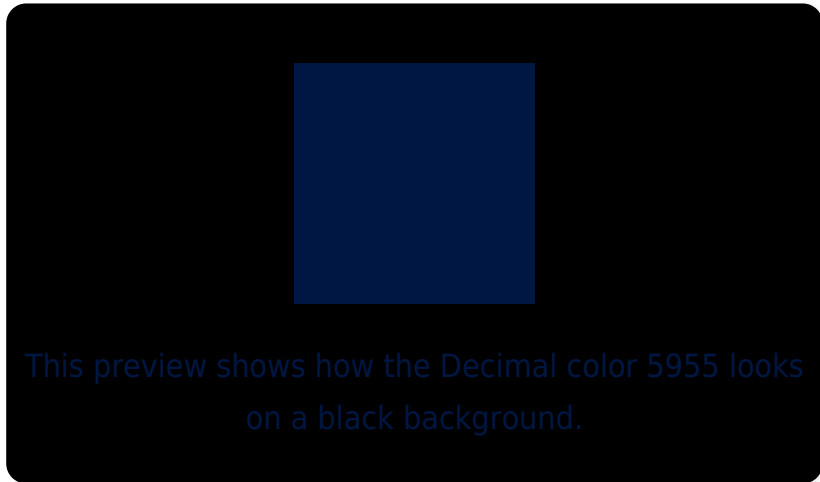
Large Text (above 18pt) WCAG AA ✓ Pass

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

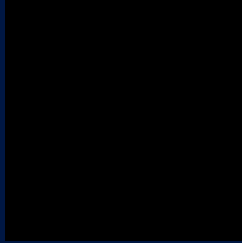
Any Text WCAG AA × Fail

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 5955 Background



This preview shows how black text looks on a background with the Decimal color 5955.



This preview shows how white text looks on a background with the Decimal color 5955.

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
5955

Protanopia
6712

Deuteranopia
7216

Trichromacy



Original Color
5955

Protanomaly
6460

Deuteranomaly
6711

Tritanomaly
6957

Monochromacy



Original Color
5955

Achromatopsia
1381653

Achromatomaly
857638

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5955 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 #001743 looks like.

```
.text, #text, p{  
    color:#001743  
}
```

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 #001743 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #001743
}
```

Border

The CSS property to change the border of an element to Decimal 5955 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
#001743 }
```

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

```
.border{ border-color:#001743 }
```

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

Here you see how a box with a 4 pixel #001743 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #001743; -webkit-box-shadow:4px 4px  
4px 4px #001743; box-shadow:4px 4px 4px  
4px #001743 }
```

Background

The CSS property to change the background color of an element to Decimal 5955 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#001743 }
```

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

```
.background{ background-color:#001743 }
```

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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