

Converting Colors

Decimal(6931)

Have a look what the booklet for
Decimal(6931) contains.

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Color

Decimal(6931)

Conversions

Conversions Part 1

Format	Color
Hex	001B13
RGB	0, 27, 19
RGB Percent	0%, 11%, 7%
CMY	1.0000, 0.8941, 0.9255
CMYK	1.00, 0.00, 0.30, 0.89
HSL	162°, 100%, 5%
HSV	162°, 100%, 11%
XYZ	0.5095, 0.8309, 0.7496
YIQ	18.0150, -13.5240, -8.2120

Conversions

Conversions Part 2

Format	Color
RYB	0, 16, 27
Decimal	6931
CIELab	7.51, -11.48, 2.22
CIELCh	8, 11.693, 169.065
Yxy	0.8309, 0.2438, 0.3976
Android (android.graphics.Color)	4278197011 (0xFF001B13)
YUV	18.0150, 0.4856, -15.7992
Hunter-Lab	9.1153, -5.9749, 1.5048

Details

The Decimal color **6931** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **1769480**, and the grayscale version is **1184274**.

A 20% lighter version of the original color is **3032637**, and **0** is the 20% darker color. If you saturate the color by 10%, you get **6931**, and if you desaturate by 10%, it is **203540**.

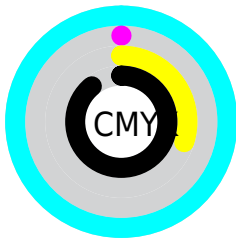
Distribution



- Red (0%)
- Green (11%)
- Blue (7%)



- Red (0%)
- Yellow (6%)
- Blue (11%)



- Cyan (100%)
- Magenta (0%)
- Yellow (30%)
- Black (89%)



- Cyan (100%)
- Magenta (89%)
- Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6931 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 6931 by changing the saturation by 10% instead.

■ 6931

■ 6931

■ 14810867

■ 0

■ 3032637

■ 4545876

■ 6125165

■ 7704710

■ 9415328

■ 11191995

■ 12968663

■ 6931

■ 203540

■ 334613

■ 531221

■ 727830

■ 924439

■ 1055512

■ 1252121

■ 1448729

■ 1579802

Harmonies

Analogous

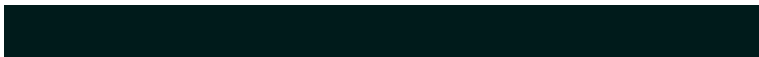
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



858632



6931



6939

Triad

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



6931



1250853



2363910

Complementary

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



6931



1769480

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.



2494737



6931



1905441

Square

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



6931



333862



2363674



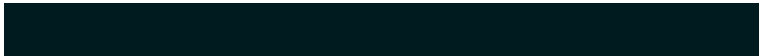
2036992

Rectangle

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



6931



6944



2363674



2429450

Sweetspot

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



6931



1647649



531200



725520



9539985



1184274

Same Dimension

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



6931



9241



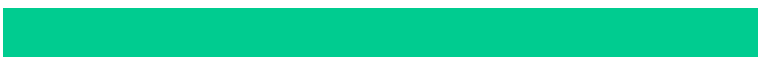
5659



724236



19766



52368

Inverse Universe

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



1769480



2359307



1770752



854796



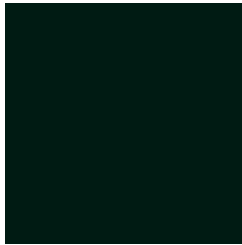
5046295



13369404

Previews

White Background



This preview shows how the Decimal color 6931 looks on a white background.

Color Contrast Check

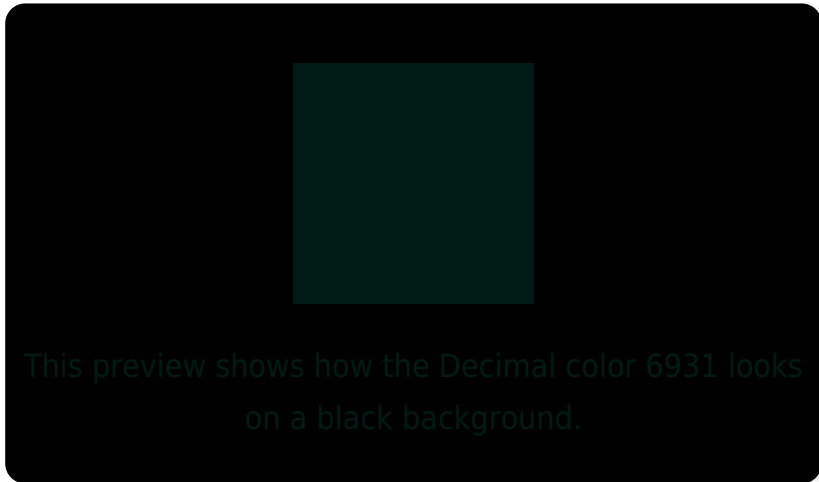
Large Text (above 18pt) WCAG AA ✓ Pass

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

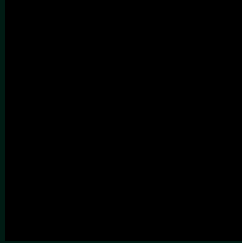
Any Text WCAG AA × Fail

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 6931 Background



This preview shows how black text looks on a background with the Decimal color 6931.

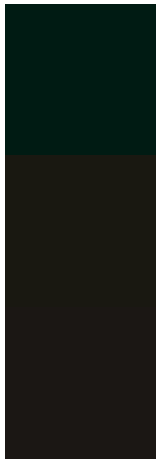


This preview shows how white text looks on a background with the Decimal color 6931.

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
6931

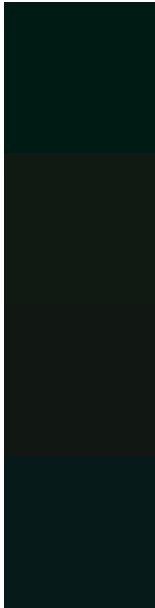
Protanopia
1644561

Deuteranopia
1775380



Tritanopia
596508

Trichromacy



Original Color
6931

Protanomaly
1054994

Deuteranomaly
1120276

Tritanomaly
399897

Monochromacy



Original Color
6931

Achromatopsia
1184274

Achromatomaly
726290

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6931 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 #001B13 looks like.

```
.text, #text, p{  
    color:#001B13  
}
```

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 #001B13 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #001B13
}
```

Border

The CSS property to change the border of an element to Decimal 6931 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
#001B13 }
```

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

```
.border{ border-color:#001B13 }
```

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

Here you see how a box with a 4 pixel #001B13 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #001B13; -webkit-box-shadow:4px 4px  
4px 4px #001B13; box-shadow:4px 4px 4px  
4px #001B13 }
```

Background

The CSS property to change the background color of an element to Decimal 6931 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#001B13 }
```

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

```
.background{ background-color:#001B13 }
```

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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