

Converting Colors

Decimal(6427)

Have a look what the booklet for
Decimal(6427) contains.

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Color

Decimal(6427)

Conversions

Conversions Part 1

Format	Color
Hex	00191B
RGB	0, 25, 27
RGB Percent	0%, 10%, 11%
CMY	1.0000, 0.9020, 0.8941
CMYK	1.00, 0.07, 0.00, 0.89
HSL	184°, 100%, 5%
HSV	184°, 100%, 11%
XYZ	0.5455, 0.7744, 1.1576
YIQ	17.7530, -15.5420, -4.6780

Conversions

Conversions Part 2

Format	Color
RYB	0, 13, 27
Decimal	6427
CIELab	7.00, -7.81, -4.33
CIElCh	7, 8.928, 209.022
Yxy	0.7744, 0.2202, 0.3126
Android (android.graphics.Color)	4278196507 (0xFF00191B)
YUV	17.7530, 4.5588, -15.5694
Hunter-Lab	8.8000, -4.3357, -1.6396

Details

The Decimal color **6427** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **1769984**, and the grayscale version is **1184274**.

A 20% lighter version of the original color is **3032134**, and **0** is the 20% darker color. If you saturate the color by 10%, you get **6427**, and if you desaturate by 10%, it is **203035**.

Distribution



- Red (0%)
- Green (10%)
- Blue (11%)



- Red (0%)
- Yellow (5%)
- Blue (11%)



- Cyan (100%)
- Magenta (7%)
- Yellow (0%)
- Black (89%)



- Cyan (100%)
- Magenta (90%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6427 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 6427 by changing the saturation by 10% instead.

■ 6427

■ 6427

■ 14810110

■ 0

■ 3032134

■ 4479838

■ 6059126

■ 7703952

■ 9414826

■ 11191238

■ 12967906

■ 6427

■ 203035

■ 334107

■ 530971

■ 727579

■ 924187

■ 1055259

■ 1251867

■ 1448731

■ 1579803

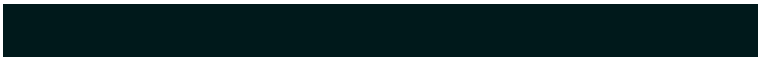
Harmonies

Analogous

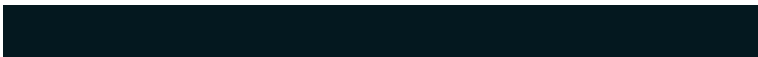
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



137493



6427



268319

Triad

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



6427



1905180



1774852

Complementary

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



6427



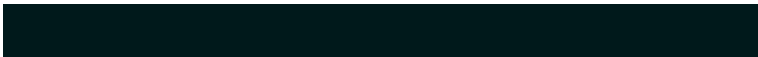
1769984

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.



2036487



6427



2167062

Square

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



6427



1446944



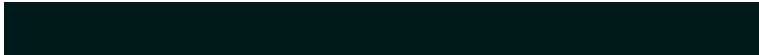
2167055



1316614

Rectangle

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



6427



661281



2167055



1905668

Sweetspot

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



6427



1647396



6914



725266



9539985



1184274

Same Dimension

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



6427



8484



3099



724237



18253



48588

Inverse Universe

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



1769497



2359329



1773312



854797



5046343



13369533

Previews

White Background



This preview shows how the Decimal color 6427 looks on a white background.

Color Contrast Check

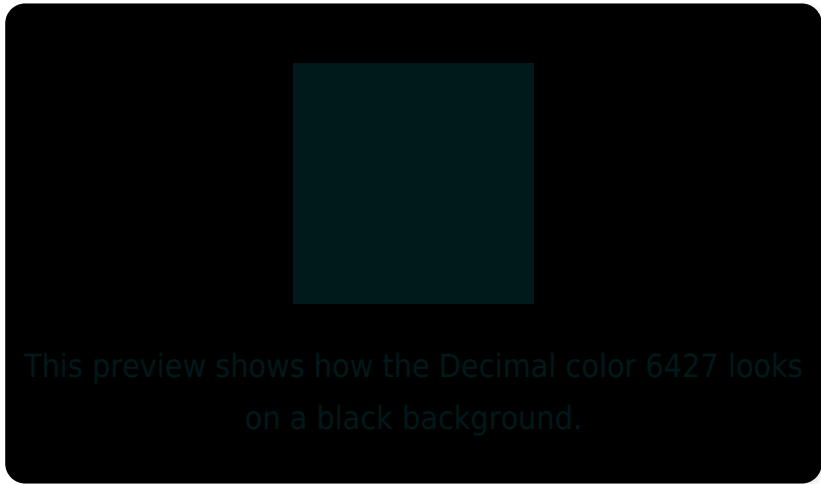
Large Text (above 18pt) WCAG AA ✓ Pass

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

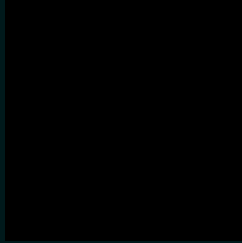
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

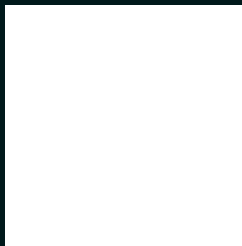
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Decimal 6427 Background



This preview shows how black text looks on a background with the Decimal color 6427.



This preview shows how white text looks on a background with the Decimal color 6427.

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

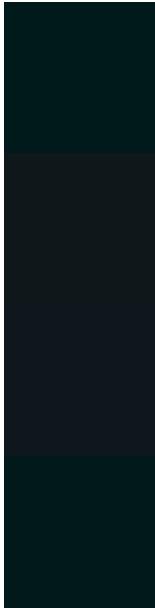


Original Color
6427

Protanopia
1447449

Deuteranopia
1447452

Trichromacy



Original Color

6427

Protanomaly

923418

Deuteranomaly

923420

Tritanomaly

71963

Monochromacy



Original Color

6427

Achromatopsia

1184274

Achromatomaly

726293

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6427 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 #00191B looks like.

```
.text, #text, p{  
    color:#00191B  
}
```

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 #00191B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00191B
}
```

Border

The CSS property to change the border of an element to Decimal 6427 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
#00191B }
```

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

```
.border{ border-color:#00191B }
```

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

Here you see how a box with a 4 pixel #00191B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00191B; -webkit-box-shadow:4px 4px  
4px 4px #00191B; box-shadow:4px 4px 4px  
4px #00191B }
```

Background

The CSS property to change the background color of an element to Decimal 6427 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00191B }
```

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

```
.background{ background-color:#00191B }
```

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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