

Converting Colors

Decimal(6428)

Have a look what the booklet for
Decimal(6428) contains.

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Color

Decimal(6428)

Conversions

Conversions Part 1

Format	Color
Hex	00191C
RGB	0, 25, 28
RGB Percent	0%, 10%, 11%
CMY	1.0000, 0.9020, 0.8902
CMYK	1.00, 0.11, 0.00, 0.89
HSL	186°, 100%, 5%
HSV	186°, 100%, 11%
XYZ	0.5572, 0.7791, 1.2196
YIQ	17.8670, -15.8630, -4.3670

Conversions

Conversions Part 2

Format	Color
RYB	0, 13, 28
Decimal	6428
CIELab	7.04, -7.51, -5.03
CIELCh	7, 9.037, 213.816
Yxy	0.7791, 0.2180, 0.3048
Android (android.graphics.Color)	4278196508 (0xFF00191C)
YUV	17.8670, 4.9956, -15.6694
Hunter-Lab	8.8267, -4.1779, -2.0137

Details

The Decimal color **6428** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **1835776**, and the grayscale version is **1184274**.

A 20% lighter version of the original color is **2966599**, and **0** is the 20% darker color. If you saturate the color by 10%, you get **6428**, and if you desaturate by 10%, it is **203036**.

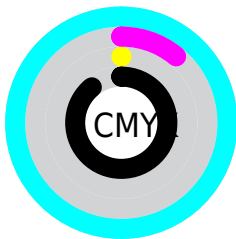
Distribution



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



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



- Cyan (100%)
- Magenta (11%)
- Yellow (0%)
- Black (89%)



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

Brightness & Saturation Gradients

These gradients show how the Decimal color 6428 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 6428 by changing the saturation by 10% instead.

■ 6428

■ 6428

■ 14810111

■ 0

■ 2966599

■ 4479839

■ 6059128

■ 7703953

■ 9414828

■ 11191239

■ 12967907

■ 6428

■ 203036

■ 399900

■ 530972

■ 727580

■ 924188

■ 1121052

■ 1317660

■ 1448732

■ 1645596

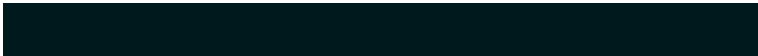
Harmonies

Analogous

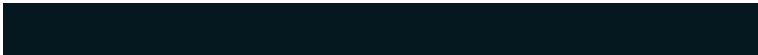
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



71958



6428



333856

Triad

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



6428



1970715



1709316

Complementary

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



6428



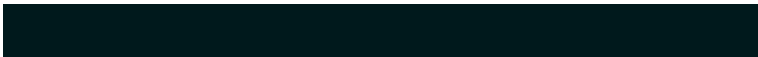
1835776

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.



2036486



6428



2167061

Square

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



6428



1578015



2167309



1251079

Rectangle

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



6428



726817



2167309



1840388

Sweetspot

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



6428



1647396



7171



725266



9539985



1184274

Same Dimension

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



6428



8228



2844



724237



17485



46796

Inverse Universe

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



1835033



2359328



1839360



854797



5046340



13369526

Previews

White Background



This preview shows how the Decimal color 6428 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

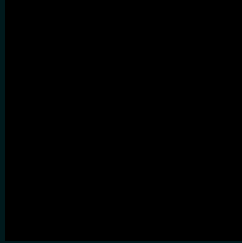
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

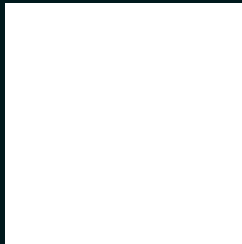
Any Text WCAG AAA × Fail

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

Decimal 6428 Background



This preview shows how black text looks on a background with the Decimal color 6428.



This preview shows how white text looks on a background with the Decimal color 6428.

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
6428

Protanopia
1447450

Deuteranopia
1447453

Trichromacy



Original Color

6428

Protanomaly

923419

Deuteranomaly

923421

Tritanomaly

6427

Monochromacy



Original Color

6428

Achromatopsia

1184274

Achromatomaly

726294

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6428 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 #00191C looks like.

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

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 #00191C colored shadow looks like.

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

Border

The CSS property to change the border of an element to Decimal 6428 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
#00191C }
```

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

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

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

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

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

Background

The CSS property to change the background color of an element to Decimal 6428 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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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