

# Converting Colors

Decimal(1628)

Have a look what the booklet for  
Decimal(1628) contains.

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# Color

**Decimal(1628)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00065C
RGB	0, 6, 92
RGB Percent	0%, 2%, 36%
CMY	1.0000, 0.9765, 0.6392
CMYK	1.00, 0.93, 0.00, 0.64
HSL	236°, 100%, 18%
HSV	236°, 100%, 36%
XYZ	1.9969, 0.9030, 10.1943
YIQ	14.0100, -31.1820, 25.4740

# Conversions

## Conversions Part 2

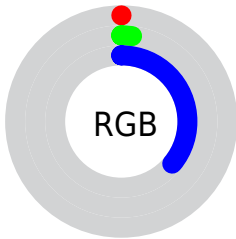
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	0, 6, 92
Decimal	1628
CIE Lab	8.16, 33.85, -49.17
CIE LCh	8, 59.694, 304.545
Yxy	0.9030, 0.1525, 0.0690
Android (android.graphics.Color)	4278191708 (0xFF00065C)
YUV	14.0100, 38.4491, -12.2868
Hunter-Lab	9.5024, 20.8819, -56.9551

# Details

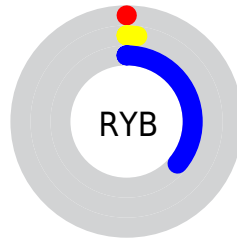
The Decimal color **1628** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **6051328**, and the grayscale version is **921102**.

A 20% lighter version of the original color is **4534927**, and **813** is the 20% darker color. If you saturate the color by 10%, you get **1628**, and if you desaturate by 10%, it is **593756**.

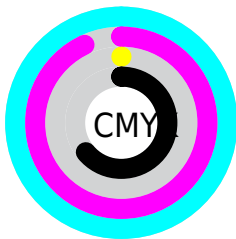
# Distribution



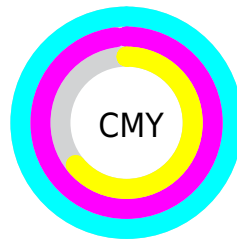
- Red (0%)
- Green (2%)
- Blue (36%)



- Red (0%)
- Yellow (2%)
- Blue (36%)



- Cyan (100%)
- Magenta (93%)
- Yellow (0%)
- Black (64%)



- Cyan (100%)
- Magenta (98%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 1628 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 1628 by changing the saturation by 10% instead.



■ 1628                      ■ 1628

■ 16771071                ■ 68

■ 4534927                 ■ 813

■ 6310314                 ■ 279

■ 8151494                 ■ 0

■ 9927394

■ 11769087

■ 13676543

■ 15584255

■ 1628

■ 593756

■ 1185628

■ 1843292

■ 2435164

■ 3027292

■ 3619420

■ 4211292

■ 4868956

■ 5460828

# Harmonies

## Analogous

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



7787



1628



4653115

# Triad

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



1628



3670784



9245

# Complementary

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



1628



6051328

# 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.



8960



1628



1710336

# Square

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



1628



5046272



8960



9797

# Rectangle

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



1628



5439521



8960



8974



# Sweetspot

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



1628



5527160



23638



2566461



12434877



4013373



# Same Dimension

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



1628



2168



2621532



2697774



1902



4077



# Inverse Universe

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



6029318



7864328



3431424



3025194



7208967

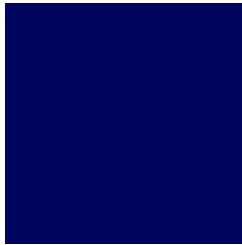


15532047



# Previews

## White Background



This preview shows how the Decimal color 1628 looks on a white background.

## Color Contrast Check

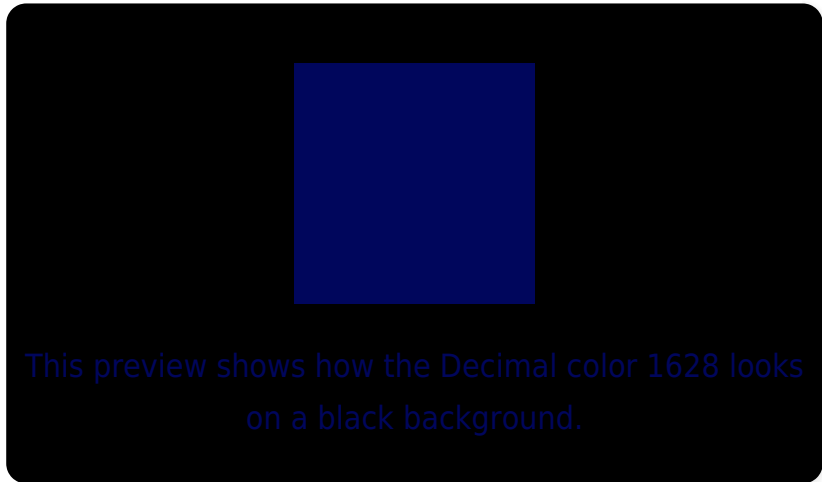
Large Text (above 18pt) WCAG AA ✓ Pass

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

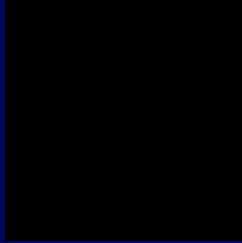
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 1628 Background



This preview shows how black text looks on a background with the Decimal color 1628.



This preview shows how white text looks on a background with the Decimal color 1628.

# 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**  
1628

**Protanopia**  
6969

**Deuteranopia**  
7472



# Trichromacy



**Original Color**  
1628

**Protanomaly**  
4934

**Deuteranomaly**  
5440

**Tritanomaly**  
5686

# Monochromacy



**Original Color**  
1628

**Achromatopsia**  
921102

**Achromatomaly**  
592682

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 1628 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 #00065C looks like.

```
.text, #text, p{  
    color:#00065C  
}
```

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 #00065C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00065C
}
```

## Border

The CSS property to change the border of an element to Decimal 1628 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".

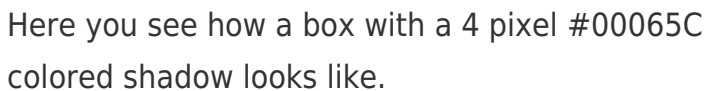
```
.border, #border, table{ border:4px solid
#00065C }
```

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

```
.border{ border-color:#00065C }
```

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

Here you see how a box with a 4 pixel #00065C colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00065C; -webkit-box-shadow:4px 4px  
4px 4px #00065C; box-shadow:4px 4px 4px  
4px #00065C }
```

# Background

The CSS property to change the background color of an element to Decimal 1628 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00065C }
```

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

```
.background{ background-color:#00065C }
```

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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