

Converting Colors

Decimal(5692)

Have a look what the booklet for
Decimal(5692) contains.

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Color

Decimal(5692)

Conversions

Conversions Part 1	
Format	Color
Hex	00163C
RGB	0, 22, 60
RGB Percent	0%, 9%, 24%
CMY	1.0000, 0.9137, 0.7647
CMYK	1.00, 0.63, 0.00, 0.76
HSL	218°, 100%, 12%
HSV	218°, 100%, 24%
XYZ	1.1025, 0.9001, 4.3906
YIQ	19.7540, -25.3100, 7.1540

Conversions

Conversions Part 2

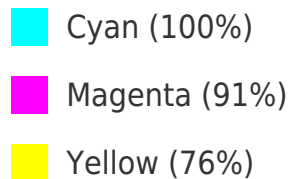
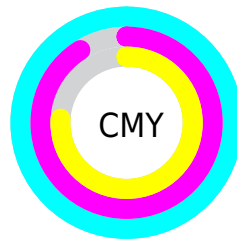
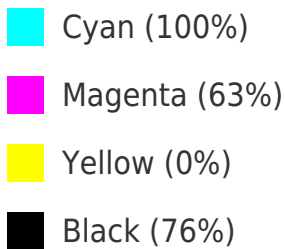
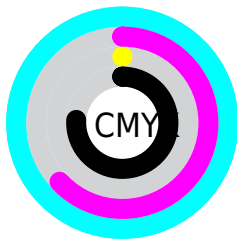
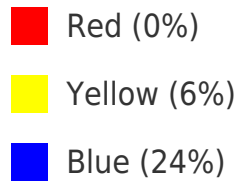
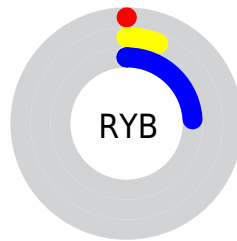
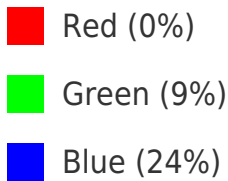
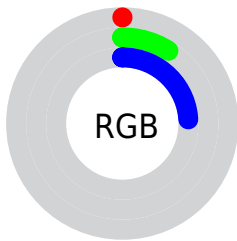
Format	Color
RYB	0, 16, 60
Decimal	5692
CIELab	8.13, 9.18, -26.98
CIELCh	8, 28.499, 288.786
Yxy	0.9001, 0.1725, 0.1408
Android (android.graphics.Color)	4278195772 (0xFF00163C)
YUV	19.7540, 19.8413, -17.3243
Hunter-Lab	9.4872, 4.1413, -20.7979

Details

The Decimal color **5692** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **3941888**, and the grayscale version is **1315860**.

A 20% lighter version of the original color is **3555436**, and **271** is the 20% darker color. If you saturate the color by 10%, you get **5692**, and if you desaturate by 10%, it is **399932**.

Distribution



Brightness & Saturation Gradients

These gradients show how the Decimal color 5692 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 5692 by changing the saturation by 10% instead.

 5692  5692

 15857407  550

 3555436  271

 5134213  0

 6844320

 8554939

 10265559

 12107507

 13949695

 5692

■ 399932

■ 794172

■ 1188156

■ 1582396

■ 1976636

■ 2370876

■ 2765116

■ 3159100

■ 3553340

Harmonies

Analogous

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



7229



5692



2559025

Triad

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



5692



3279616



8462

Complementary

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



5692



3941888

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.



7936



5692



2429952

Square

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



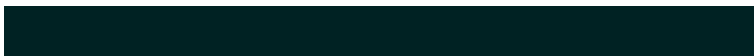
5692



3670537



1252096



8739

Rectangle

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



5692



3277862



1252096



8451

Sweetspot

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



5692



3620943



15398



1711913



11053224



2697513

Same Dimension

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



5692



7503



524348



1842463



9054



20958

Inverse Universe

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



3932182



5177373



3423232



2038813



6160419



14549073

Previews

White Background



This preview shows how the Decimal color 5692 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



This preview shows how the Decimal color 5692 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

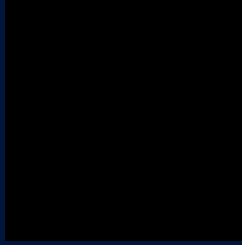
Any Text WCAG AA × Fail

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 5692 Background



This preview shows how black text looks on a background with the Decimal color 5692.



This preview shows how white text looks on a background with the Decimal color 5692.

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

5692

Protanopia

6196

Deuteranopia

6700



Tritanopia

7198

Trichromacy



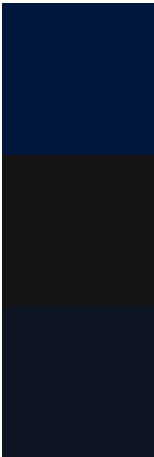
Original Color
5692

Protanomaly
5943

Deuteranomaly
6450

Tritanomaly
6697

Monochromacy



Original Color
5692

Achromatopsia
1315860

Achromatomaly
857379

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5692 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 #00163C looks like.

```
.text, #text, p{  
    color:#00163C  
}
```

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 #00163C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00163C
}
```

Border

The CSS property to change the border of an element to Decimal 5692 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
#00163C }
```

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

```
.border{ border-color:#00163C }
```

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

Here you see how a box with a 4 pixel #00163C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00163C; -webkit-box-shadow:4px 4px  
4px 4px #00163C; box-shadow:4px 4px 4px  
4px #00163C }
```

Background

The CSS property to change the background color of an element to Decimal 5692 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00163C }
```

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

```
.background{ background-color:#00163C }
```

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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