

Converting Colors

Decimal(6195)

Have a look what the booklet for
Decimal(6195) contains.

Decimal(6195)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(6195)

Conversions

Conversions Part 1

Format	Color
Hex	001833
RGB	0, 24, 51
RGB Percent	0%, 9%, 20%
CMY	1.0000, 0.9059, 0.8000
CMYK	1.00, 0.53, 0.00, 0.80
HSL	212°, 100%, 10%
HSV	212°, 100%, 20%
XYZ	0.9242, 0.8923, 3.2555
YIQ	19.9020, -22.9710, 3.3090

Conversions

Conversions Part 2

Format	Color
RYB	0, 16, 51
Decimal	6195
CIELab	8.06, 3.01, -20.59
CIElCh	8, 20.812, 278.324
Yxy	0.8923, 0.1822, 0.1759
Android (android.graphics.Color)	4278196275 (0xFF001833)
YUV	19.9020, 15.3313, -17.4541
Hunter-Lab	9.4461, 0.9332, -13.8214

Details

The Decimal color **6195** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **3349248**, and the grayscale version is **1315860**.

A 20% lighter version of the original color is **3293794**, and **0** is the 20% darker color. If you saturate the color by 10%, you get **6195**, and if you desaturate by 10%, it is **334643**.

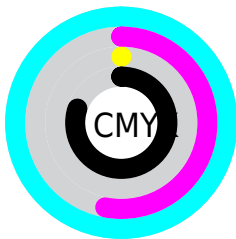
Distribution



- Red (0%)
- Green (9%)
- Blue (20%)



- Red (0%)
- Yellow (6%)
- Blue (20%)



- Cyan (100%)
- Magenta (53%)
- Yellow (0%)
- Black (80%)



- Cyan (100%)
- Magenta (91%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6195 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 6195 by changing the saturation by 10% instead.

■ 6195 ■ 6195

■ 15399423 ■ 542

■ 3293794 ■ 0

■ 4872827

■ 6517397

■ 8162223

■ 9938635

■ 11715047

■ 13557247

■ 6195

■ 334643

■ 662835

■ 991283

■ 1319731

■ 1713715

■ 2041907

■ 2370355

■ 2698803

■ 3026995

Harmonies

Analogous

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



7217



6195



1905197

Triad

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



6195



3083520



7690

Complementary

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



6195



3349248

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.



793600



6195



2560768

Square

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



6195



3148308



1841152



7963

Rectangle

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



6195



2559526



1841152



7682

Sweetspot

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



6195



3029058



13082



1383201



10592673



2171169

Same Dimension

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



6195



8002



65587



1513498



10841



26329

Inverse Universe

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



3342360



4325407



3289856



1709848



5832746



14221414

Previews

White Background



This preview shows how the Decimal color 6195 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

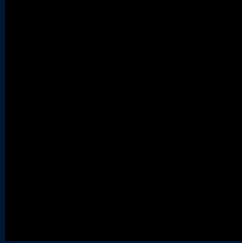
Any Text WCAG AA × Fail

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 6195 Background



This preview shows how black text looks on a background with the Decimal color 6195.



This preview shows how white text looks on a background with the Decimal color 6195.

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
6195

Protanopia
137267

Deuteranopia
6700

Trichromacy



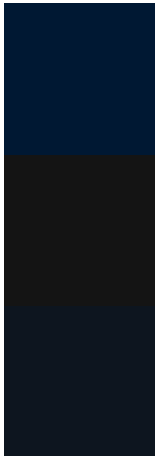
Original Color
6195

Protanomaly
71731

Deuteranomaly
6447

Tritanomaly
6949

Monochromacy



Original Color
6195

Achromatopsia
1315860

Achromatomaly
857375

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6195 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 #001833 looks like.

```
.text, #text, p{  
    color:#001833  
}
```

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 #001833 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #001833
}
```

Border

The CSS property to change the border of an element to Decimal 6195 is called "border". The border property can be set on classes, ids or directly on the HTML element.

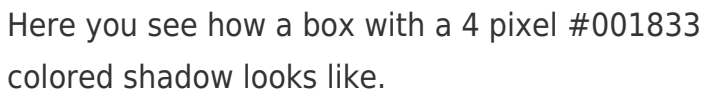
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#001833 }
```

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

```
.border{ border-color:#001833 }
```

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



Here you see how a box with a 4 pixel #001833 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #001833; -webkit-box-shadow:4px 4px  
4px 4px #001833; box-shadow:4px 4px 4px  
4px #001833 }
```

Background

The CSS property to change the background color of an element to Decimal 6195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#001833 }
```

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

```
.background{ background-color:#001833 }
```

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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