

Converting Colors

Decimal(3225)

Have a look what the booklet for
Decimal(3225) contains.

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Color

Decimal(3225)

Conversions

Conversions Part 1

Format	Color
Hex	000C99
RGB	0, 12, 153
RGB Percent	0%, 5%, 60%
CMY	1.0000, 0.9529, 0.4000
CMYK	1.00, 0.92, 0.00, 0.40
HSL	235°, 100%, 30%
HSV	235°, 100%, 60%
XYZ	5.8812, 2.5629, 30.3217
YIQ	24.4860, -52.4130, 41.3070

Conversions

Conversions Part 2

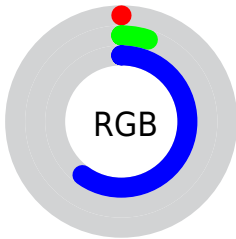
Format	Color
RYB	0, 11, 153
Decimal	3225
CIELab	18.20, 50.35, -71.64
CIELCh	18, 87.562, 305.100
Yxy	2.5629, 0.1517, 0.0661
Android (android.graphics.Color)	4278193305 (0xFF000C99)
YUV	24.4860, 63.3574, -21.4742
Hunter-Lab	16.0089, 37.5605, -101.0921

Details

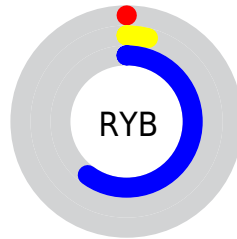
The Decimal color **3225** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **10063104**, and the grayscale version is **1579032**.

A 20% lighter version of the original color is **5914321**, and **100** is the 20% darker color. If you saturate the color by 10%, you get **3225**, and if you desaturate by 10%, it is **989849**.

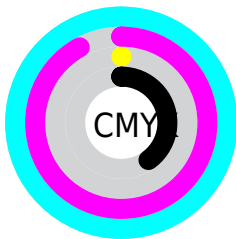
Distribution



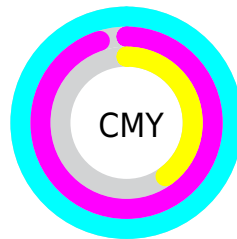
- Red (0%)
- Green (5%)
- Blue (60%)



- Red (0%)
- Yellow (4%)
- Blue (60%)



- Cyan (100%)
- Magenta (92%)
- Yellow (0%)
- Black (40%)



- Cyan (100%)
- Magenta (95%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 3225 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 3225 by changing the saturation by 10% instead.

 3225  3225


 16775935  126

 5914321  100

 7952366  2379

 9924863  1075

 11897599  541

 13870591  0

 15843839

 16768511

 3225

■ 989849

■ 2042009

■ 3028633

■ 4015257

■ 5067417

■ 6054297

■ 7040921

■ 8027545

■ 9079705

Harmonies

Analogous

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



14258



3225



7864420

Triad

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



3225



6227456



16183

Complementary

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



3225



10063104

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.



15872



3225



3026688

Square

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



3225



8454144



14592



17014

Rectangle

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



3225



9109562



14592



15904

Sweetspot

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



3225



9146567



39308



4211299



14935011



6513507

Same Dimension

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



3225



4295



4194457



4539725



2956



269

Inverse Universe

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



10027020



13041680



5871872



5064005



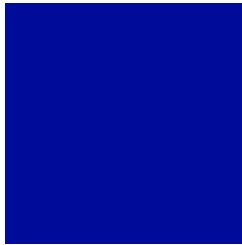
9175051



851969

Previews

White Background



This preview shows how the Decimal color 3225 looks on a white background.

Color Contrast Check

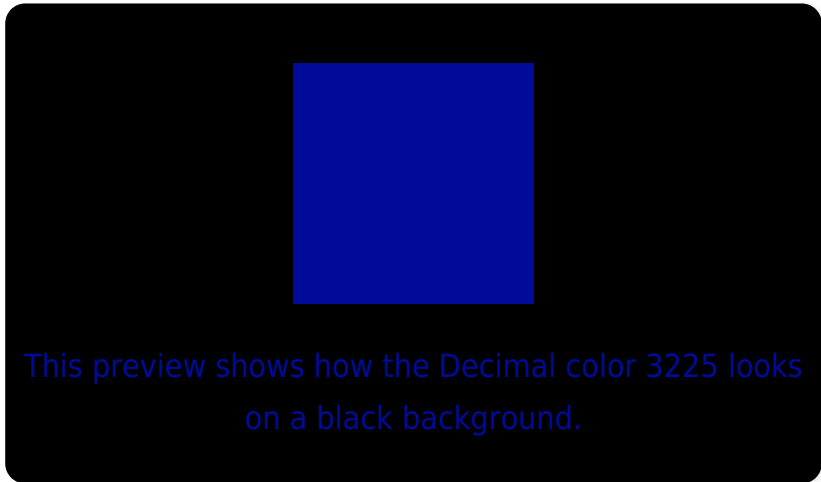
Large Text (above 18pt) WCAG AA ✓ Pass

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

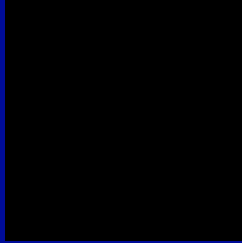
Any Text WCAG AA × Fail

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 3225 Background



This preview shows how black text looks on a background with the Decimal color 3225.



This preview shows how white text looks on a background with the Decimal color 3225.

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
3225

Protanopia
11615

Deuteranopia
12625

Trichromacy



Original Color
3225

Protanomaly
8564

Deuteranomaly
9323

Tritanomaly
9563

Monochromacy



Original Color
3225

Achromatopsia
1579032

Achromatomaly
988231

CSS Examples

Text

The CSS property to change the color of the text to Decimal 3225 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 #000C99 looks like.

```
.text, #text, p{  
    color:#000C99  
}
```

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 #000C99 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #000C99
}
```

Border

The CSS property to change the border of an element to Decimal 3225 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
#000C99 }
```

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

```
.border{ border-color:#000C99 }
```

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

Here you see how a box with a 4 pixel #000C99 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #000C99; -webkit-box-shadow:4px 4px  
4px 4px #000C99; box-shadow:4px 4px 4px  
4px #000C99 }
```

Background

The CSS property to change the background color of an element to Decimal 3225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#000C99 }
```

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

```
.background{ background-color:#000C99 }
```

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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