

Converting Colors

Decimal(13245)

Have a look what the booklet for
Decimal(13245) contains.

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Color

Decimal(13245)

Conversions

Conversions Part 1

Format	Color
Hex	0033BD
RGB	0, 51, 189
RGB Percent	0%, 20%, 74%
CMY	1.0000, 0.8000, 0.2588
CMYK	1.00, 0.73, 0.00, 0.26
HSL	224°, 100%, 37%
HSV	224°, 100%, 74%
XYZ	10.3691, 6.0418, 48.7638
YIQ	51.4830, -74.6940, 32.1060

Conversions

Conversions Part 2

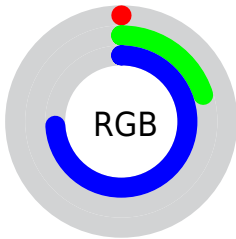
Format	Color
RYB	0, 40, 189
Decimal	13245
CIELab	29.52, 42.72, -74.54
CIElCh	30, 85.911, 299.815
Yxy	6.0418, 0.1591, 0.0927
Android (android.graphics.Color)	4278203325 (0xFF0033BD)
YUV	51.4830, 67.7959, -45.1506
Hunter-Lab	24.5800, 32.2856, -100.4181

Details

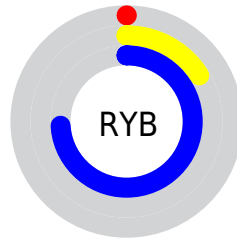
The Decimal color **13245** is a dark color, and the websafe version is hex **0033CC**. A complement of this color would be **12421632**, and the grayscale version is **3355443**.

A 20% lighter version of the original color is **6447863**, and **2694** is the 20% darker color. If you saturate the color by 10%, you get **13245**, and if you desaturate by 10%, it is **1262013**.

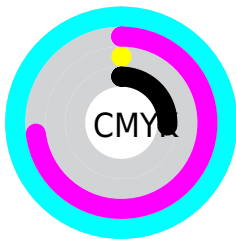
Distribution



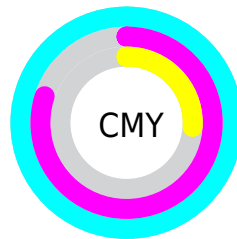
- Red (0%)
- Green (20%)
- Blue (74%)



- Red (0%)
- Yellow (16%)
- Blue (74%)



- Cyan (100%)
- Magenta (73%)
- Yellow (0%)
- Black (26%)




















- Cyan (100%)
- Magenta (80%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 13245 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 13245 by changing the saturation by 10% instead.

 13245	 13245
 16777215	 7841
 6447863	 2694
 8551423	 108
 10589695	 2898
 12628223	 1594
 14601215	 548
 16640255	 11
	 0

 13245

■ 1262013

■ 2510781

■ 3759293

■ 5008061

■ 6256829

■ 7440061

■ 8688829

■ 9937341

■ 11186109

Harmonies

Analogous

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



20944



13245



9306250

Triad

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



13245



8920320



23620

Complementary

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



13245



12421632

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.



22784



13245



5653504

Square

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



13245



11010055



21248



23944

Rectangle

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



13245



11075679



21248



23340

Sweetspot

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



13245



11255797



48519



5134970



16448250



8026746

Same Dimension

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



13245



17141



2687165



5592926



11166



2079

Inverse Universe

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



12386355



16056386



9747712



6182231



10354731



2031624

Previews

White Background



This preview shows how the Decimal color 13245 looks on a white background.

Color Contrast Check

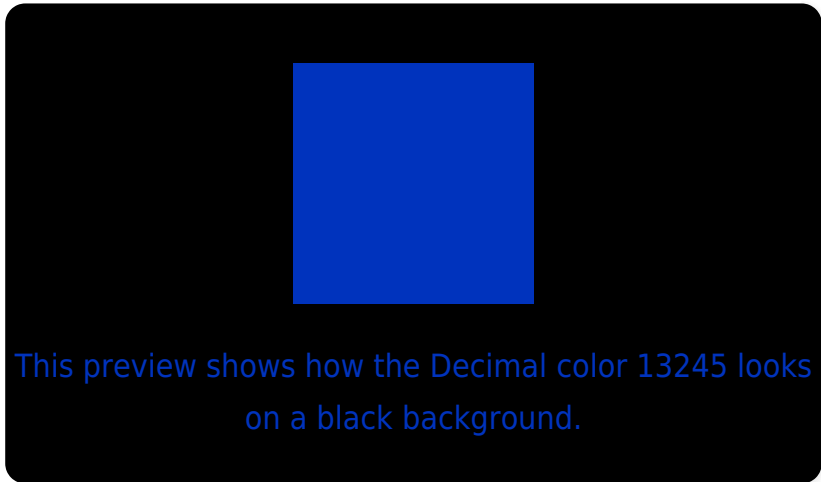
Large Text (above 18pt) WCAG AA ✓ Pass

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

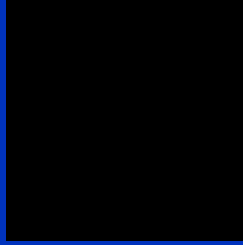
Any Text WCAG AA × Fail

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 13245 Background



This preview shows how black text looks on a background with the Decimal color 13245.

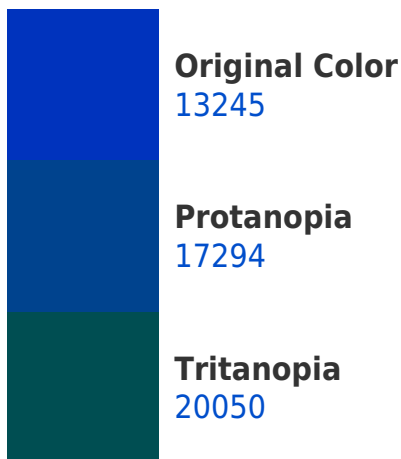


This preview shows how white text looks on a background with the Decimal color 13245.

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



Trichromacy



Original Color
13245

Protanomaly
15775

Tritanomaly
17529

Monochromacy



Original Color
13245

Achromatopsia
3355443

Achromatomaly
2110309

CSS Examples

Text

The CSS property to change the color of the text to Decimal 13245 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 #0033BD looks like.

```
.text, #text, p{  
    color:#0033BD  
}
```

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 #0033BD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0033BD
}
```

Border

The CSS property to change the border of an element to Decimal 13245 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
#0033BD }
```

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

```
.border{ border-color:#0033BD }
```

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

Here you see how a box with a 4 pixel #0033BD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0033BD; -webkit-box-shadow:4px 4px  
4px 4px #0033BD; box-shadow:4px 4px 4px  
4px #0033BD }
```

Background

The CSS property to change the background color of an element to Decimal 13245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0033BD }
```

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

```
.background{ background-color:#0033BD }
```

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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