

Converting Colors

Decimal(24225)

Have a look what the booklet for
Decimal(24225) contains.

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Color

Decimal(24225)

Conversions

Conversions Part 1

Format	Color
Hex	005EA1
RGB	0, 94, 161
RGB Percent	0%, 37%, 63%
CMY	1.0000, 0.6314, 0.3686
CMYK	1.00, 0.42, 0.00, 0.37
HSL	205°, 100%, 32%
HSV	205°, 100%, 63%
XYZ	10.4357, 10.5786, 35.2101
YIQ	73.5320, -77.5310, 0.9090

Conversions

Conversions Part 2

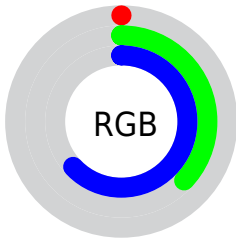
Format	Color
RYB	0, 59, 161
Decimal	24225
CIELab	38.86, 2.95, -42.69
CIELCh	39, 42.790, 273.954
Yxy	10.5786, 0.1856, 0.1881
Android (android.graphics.Color)	4278214305 (0xFF005EA1)
YUV	73.5320, 43.1217, -64.4876
Hunter-Lab	32.5248, 0.3542, -41.4177

Details

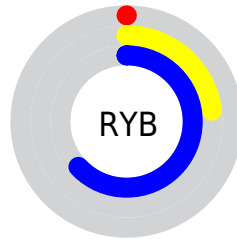
The Decimal color **24225** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **10568448**, and the grayscale version is **4802889**.

A 20% lighter version of the original color is **5673176**, and **12653** is the 20% darker color. If you saturate the color by 10%, you get **24225**, and if you desaturate by 10%, it is **1074593**.

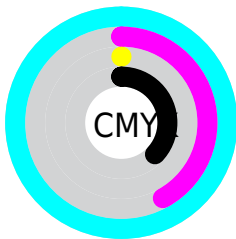
Distribution



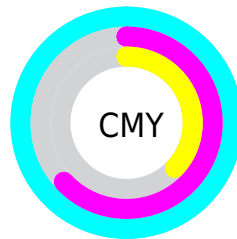
- Red (0%)
- Green (37%)
- Blue (63%)



- Red (0%)
- Yellow (23%)
- Blue (63%)



- Cyan (100%)
- Magenta (42%)
- Yellow (0%)
- Black (37%)



















- Cyan (100%)
- Magenta (63%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 24225 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 24225 by changing the saturation by 10% instead.

 24225	 24225
 16777215	 18310
 5673176	 12653
 7645941	 7508
 9553407	 1596
 11526655	 550
 13434623	 271
 15400959	 0

 24225

 1074593

■ 2124705

■ 3175073

■ 4225441

■ 5341089

■ 6391457

■ 7441825

■ 8492193

■ 9542305

Harmonies

Analogous

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



26522



24225



6443157

Triad

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



24225



9912631



27195

Complementary

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



24225



10568448

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.



4547869



24225



8736283

Square

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



24225



10107480



6904589



27743

Rectangle

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



24225



8341125



6904589



2385968

Sweetspot

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



24225



9615313



41280



4413801



15263976



6908265

Same Dimension

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



24225



31441



4257



4804178



21905



2578

Inverse Universe

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



10551390



13697146



10588416



5392718



9502805



1179658

Previews

White Background



This preview shows how the Decimal color 24225 looks on a white background.

Color Contrast Check

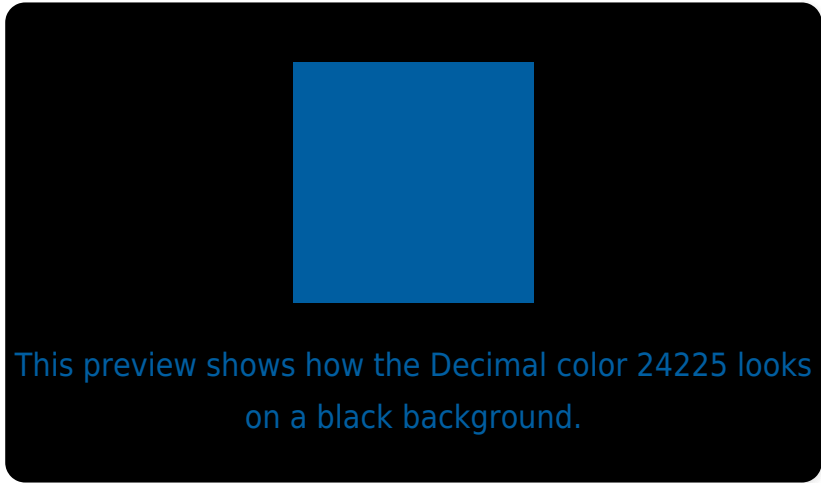
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

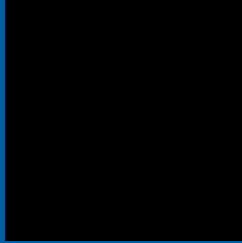
Any Text WCAG AA × Fail

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 24225 Background



This preview shows how black text looks on a background with the Decimal color 24225.



This preview shows how white text looks on a background with the Decimal color 24225.

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





Tritanopia
26221

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 24225 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 #005EA1 looks like.

```
.text, #text, p{  
    color:#005EA1  
}
```

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 #005EA1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #005EA1
}
```

Border

The CSS property to change the border of an element to Decimal 24225 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
#005EA1 }
```

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

```
.border{ border-color:#005EA1 }
```

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

Here you see how a box with a 4 pixel #005EA1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #005EA1; -webkit-box-shadow:4px 4px  
4px 4px #005EA1; box-shadow:4px 4px 4px  
4px #005EA1 }
```

Background

The CSS property to change the background color of an element to Decimal 24225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#005EA1 }
```

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

```
.background{ background-color:#005EA1 }
```

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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