

Converting Colors

Decimal(2506624)

Have a look what the booklet for
Decimal(2506624) contains.

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Color

Decimal(2506624)

Conversions

Conversions Part 1

Format	Color
Hex	263F80
RGB	38, 63, 128
RGB Percent	15%, 25%, 50%
CMY	0.8510, 0.7529, 0.4980
CMYK	0.70, 0.51, 0.00, 0.50
HSL	223°, 54%, 33%
HSV	223°, 70%, 50%
XYZ	6.4731, 5.5256, 21.1475
YIQ	62.9350, -35.7650, 14.9150

Conversions

Conversions Part 2

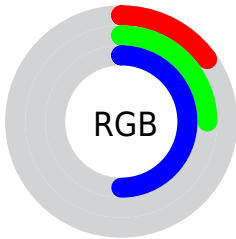
Format	Color
R_{YB}	38, 58, 128
Decimal	2506624
CIE _{Lab}	28.18, 13.74, -39.65
CIE _{LCh}	28, 41.961, 289.121
Yxy	5.5256, 0.1953, 0.1667
Android (android.graphics.Color)	4280696704 (0xFF263F80)
YUV	62.9350, 32.0770, -21.8680
Hunter-Lab	23.5066, 8.0178, -36.8850

Details

The Decimal color **2506624** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **8415014**, and the grayscale version is **4144959**.

A 20% lighter version of the original color is **6188725**, and **5710** is the 20% darker color. If you saturate the color by 10%, you get **1652352**, and if you desaturate by 10%, it is **3360896**.

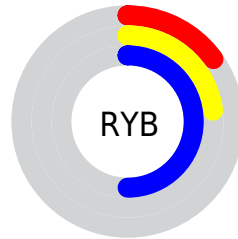
Distribution



Red (15%)

Green (25%)

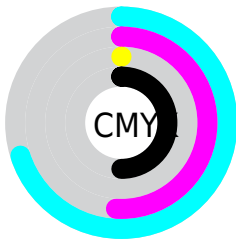
Blue (50%)



Red (15%)

Yellow (23%)

Blue (50%)

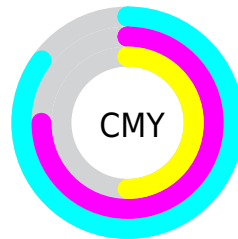


Cyan (70%)

Magenta (51%)

Yellow (0%)

Black (50%)



Cyan (85%)

Magenta (75%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 2506624 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 2506624 by changing the saturation by 10% instead.

■ 2506624

■ 2506624

16777215

■ 10599

■ 6188725

■ 5710

■ 7964625

■ 55

■ 9806574

■ 544

■ 11648511

■ 5

■ 13490431

■ 0

■ 15398399

■ 2506624

■ 2506624

■ 1652352

■ 3360896

■ 798080

■ 4215168

■ 9344

■ 5004160

■ 5858432

■ 6712704

■ 7566976

■ 8421504

■ 9210240

■ 10064512

Harmonies

Analogous

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



19074



2506624



6107245

Triad

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



2506624



7417617



20533

Complementary

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



2506624



8415014

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.



1133844



2506624



5979392

Square

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



2506624



8069423



4081408



20823

Rectangle

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



2506624



7349594



4081408



20522

Sweetspot

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



2506624



8621478



2523239



4146516



13948116



5526612

Same Dimension

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



2506624



1786278



3810944



3750720



9088



0

Inverse Universe

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



8398399



10885953



7110694



4208955



8388643



0

Previews

White Background



This preview shows how the Decimal color 2506624 looks on a white background.

Color Contrast Check

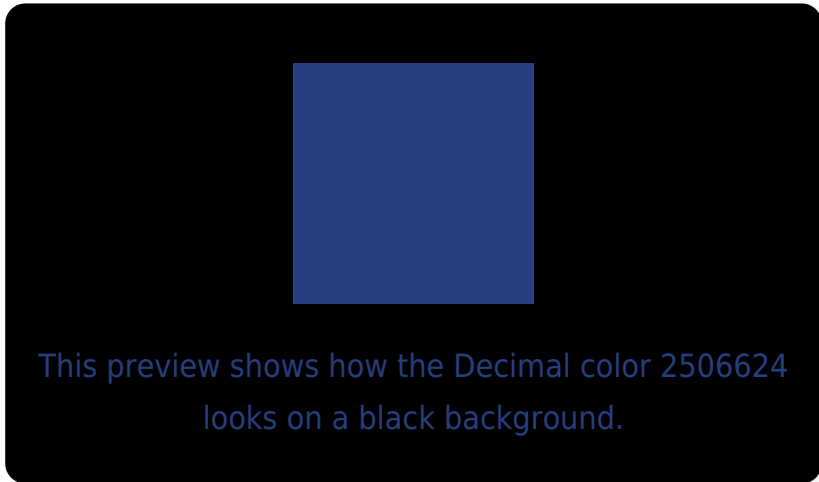
Large Text (above 18pt) WCAG AA ✓ Pass

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

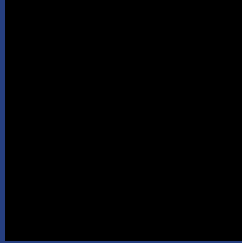
Any Text WCAG AA × Fail

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 2506624 Background



This preview shows how black text looks on a background with the Decimal color 2506624.



This preview shows how white text looks on a background with the Decimal color 2506624.

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
2506624

Protanopia
1785985

Deuteranopia
17527

Trichromacy



Original Color
2506624

Protanomaly
2048129

Deuteranomaly
934522

Tritanomaly
935521

Monochromacy



Original Color
2506624

Achromatopsia
4144959

Achromatomaly
3555159

CSS Examples

Text

The CSS property to change the color of the text to Decimal 2506624 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 #263F80 looks like.

```
.text, #text, p{  
    color:#263F80  
}
```

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 #263F80 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #263F80
}
```

Border

The CSS property to change the border of an element to Decimal 2506624 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
#263F80 }
```

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

```
.border{ border-color:#263F80 }
```

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

Here you see how a box with a 4 pixel #263F80 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #263F80; -webkit-box-shadow:4px 4px  
4px 4px #263F80; box-shadow:4px 4px 4px  
4px #263F80 }
```

Background

The CSS property to change the background color of an element to Decimal 2506624 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#263F80 }
```

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

```
.background{ background-color:#263F80 }
```

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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