

Converting Colors

Hex(2568AB)

Have a look what the booklet for
Hex(2568AB) contains.

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Color

Hex(2568AB)

Conversions

Conversions Part 1

Format	Color
Hex	2568AB
RGB	37, 104, 171
RGB Percent	15%, 41%, 67%
CMY	0.8549, 0.5922, 0.3294
CMYK	0.78, 0.39, 0.00, 0.33
HSL	210°, 64%, 41%
HSV	210°, 78%, 67%
XYZ	13.0639, 13.2342, 40.3940
YIQ	91.6050, -61.4390, 6.6330

Conversions

Conversions Part 2

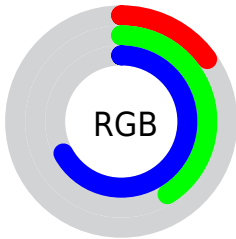
Format	Color
R_{YB}	37, 82, 171
Decimal	2451627
CIE Lab	43.11, 3.24, -41.79
CIE LCh	43, 41.913, 274.427
Yxy	13.2342, 0.1959, 0.1984
Android (android.graphics.Color)	4280641707 (0xFF2568AB)
YUV	91.6050, 39.1417, -47.8886
Hunter-Lab	36.3789, 0.4378, -40.3686

Details

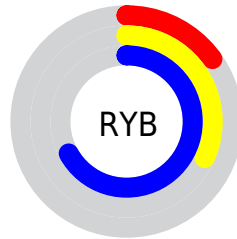
The Hex color **2568AB** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **AB6825**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **669BE3**, and **003A76** is the 20% darker color. If you saturate the color by 10%, you get **145FAB**, and if you desaturate by 10%, it is **3671AB**.

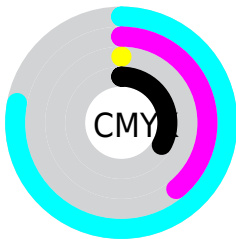
Distribution



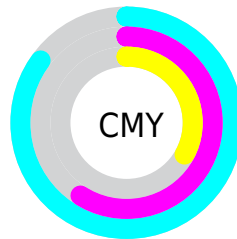
- Red (15%)
- Green (41%)
- Blue (67%)



- Red (15%)
- Yellow (32%)
- Blue (67%)



- Cyan (78%)
- Magenta (39%)
- Yellow (0%)
- Black (33%)



- Cyan (85%)
- Magenta (59%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2568AB 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 Hex color 2568AB by changing the saturation by 10% instead.

■ 2568AB

■ 2568AB

FFFFFF

■ 005090

■ 669BE3

■ 003A76

■ 83B5FF

■ 00255D

■ A0D1FF

■ 000F45

■ BEEDFF

■ 00042E

■ DBFFFF

■ 000118

■ F9FFFF

■ 000000

■ 2568AB

■ 2568AB

■ 145FAB

■ 3671AB

■ 0357AB

■ 4779AB

■ 0055AB

■ 5882AB

■ 698AAB

■ 7A93AB

■ 8C9BAB

■ 9DA4AB

■ AEACAB

■ BFB5AB

Harmonies

Analogous

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



0071A4



2568AB



6E5B9F

Triad

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



2568AB



A24C41



177546

Complementary

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



2568AB



AB6825

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.



506F29



2568AB



905926

Square

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



2568AB



A54662



74661B



00776A

Rectangle

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



2568AB



8A518F



74661B



30733C

Sweetspot

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



2568AB



A9C3DE



25AB68



506070



F0F0F0



707070

Same Dimension

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



2568AB



0D76DE



2525AB



4E5257



004B96



000B17

Inverse Universe

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



AB2568



DE0D76



ABAB25



574E52



96004B



17000B

Previews

White Background



This preview shows how the Hex color 2568AB looks on a white background.

Color Contrast Check

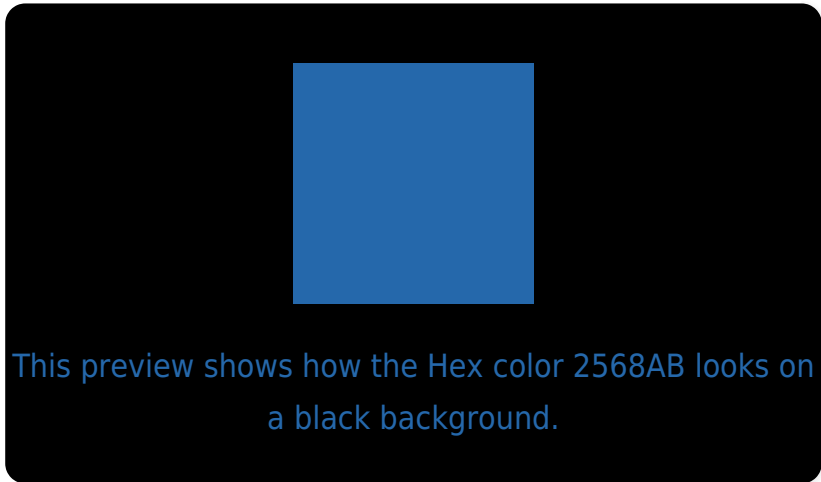
Large Text (above 18pt) WCAG AA ✓ Pass

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

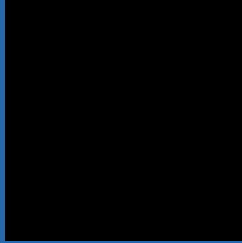
Any Text WCAG AA × Fail

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](#).

Hex 2568AB Background



This preview shows how black text looks on a background with the Hex color 2568AB.

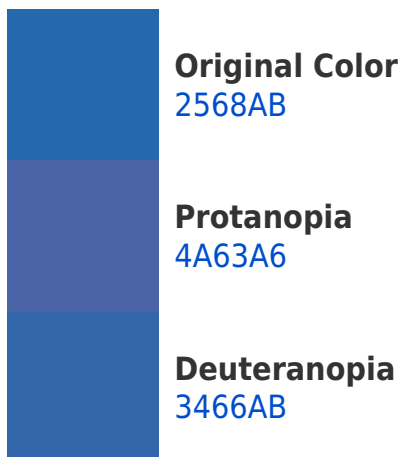


This preview shows how white text looks on a background with the Hex color 2568AB.

Color Blindness Simulation

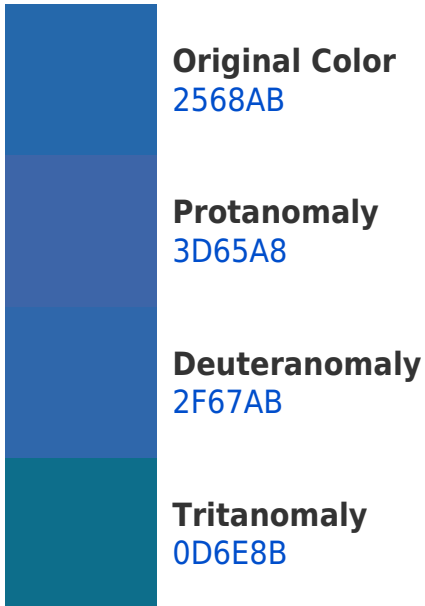
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

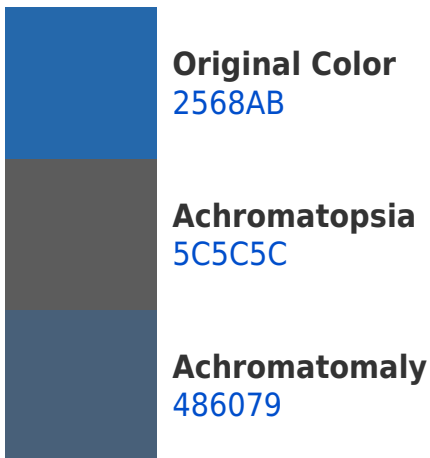




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2568AB 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 #2568AB looks like.

```
.text, #text, p{  
    color:#2568AB  
}
```

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 #2568AB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2568AB
}
```

Border

The CSS property to change the border of an element to Hex 2568AB 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
#2568AB }
```

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

```
.border{ border-color:#2568AB }
```

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

Here you see how a box with a 4 pixel #2568AB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2568AB; -webkit-box-shadow:4px 4px  
4px 4px #2568AB; box-shadow:4px 4px 4px  
4px #2568AB }
```

Background

The CSS property to change the background color of an element to Hex 2568AB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2568AB }
```

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

```
.background{ background-color:#2568AB }
```

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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