

Converting Colors

Hex(2264A0)

Have a look what the booklet for
Hex(2264A0) contains.

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Color

Hex(2264A0)

Conversions

Conversions Part 1

Format	Color
Hex	2264A0
RGB	34, 100, 160
RGB Percent	13%, 39%, 63%
CMY	0.8667, 0.6078, 0.3725
CMYK	0.79, 0.38, 0.00, 0.37
HSL	209°, 65%, 38%
HSV	209°, 79%, 63%
XYZ	11.5620, 11.9925, 34.9631
YIQ	87.1060, -58.5960, 4.6680

Conversions

Conversions Part 2

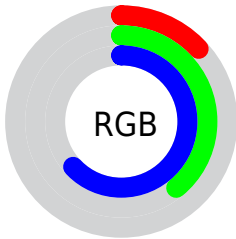
Format	Color
R_{YB}	34, 77, 160
Decimal	2253984
CIE _{Lab}	41.20, 1.17, -38.33
CIE _{LCh}	41, 38.346, 271.754
Yxy	11.9925, 0.1976, 0.2049
Android (android.graphics.Color)	4280444064 (0xFF2264A0)
YUV	87.1060, 35.9367, -46.5740
Hunter-Lab	34.6302, -1.0068, -35.6189

Details

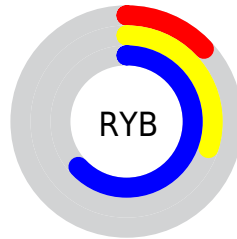
The Hex color **2264A0** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **A05E22**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **6296D7**, and **00366C** is the 20% darker color. If you saturate the color by 10%, you get **125CA0**, and if you desaturate by 10%, it is **326CA0**.

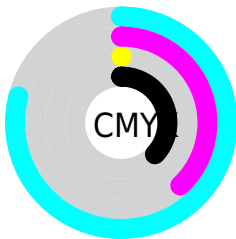
Distribution



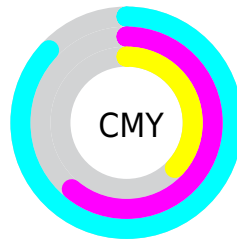
- Red (13%)
- Green (39%)
- Blue (63%)



- Red (13%)
- Yellow (30%)
- Blue (63%)



- Cyan (79%)
- Magenta (38%)
- Yellow (0%)
- Black (37%)



- Cyan (87%)
- Magenta (61%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2264A0 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 2264A0 by changing the saturation by 10% instead.

■ 2264A0

■ 2264A0

FFFFFF

■ 004C86

■ 6296D7

■ 00366C

■ 7FB1F4

■ 002153

■ 9CCCCFF

■ 00093C

■ B8E9FF

■ 000225

■ D6FFFF

■ 00010E

■ F3FFFF

■ 000000

■ 2264A0

■ 2264A0

■ 125CA0

■ 326CA0

■ 0255A0

■ 4273A0

■ 0054A0

■ 527BA0

■ 6282A0

■ 728AA0

■ 8292A0

■ 9299A0

■ A2A1A0

■ B2A9A0

Harmonies

Analogous

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



006C98



2264A0



655897

Triad

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



2264A0



994942



246E42

Complementary

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



2264A0



A05E22

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.



516929



2264A0



8A5529

Square

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



2264A0



9A4561



71601E



007162

Rectangle

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



2264A0



7F5088



71601E



366D39

Sweetspot

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



2264A0



9FB9D1



22A05D



4A5A69



E8E8E8



696969

Same Dimension

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



2264A0



0A73D1



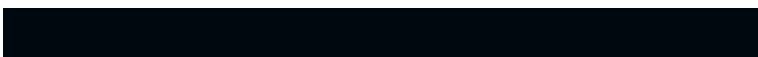
2226A0



474B4F



004B8F



00080F

Inverse Universe

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



A02264



D10A73



A09C22



4F474B



8F004B



0F0008

Previews

White Background



This preview shows how the Hex color 2264A0 looks on a white background.

Color Contrast Check

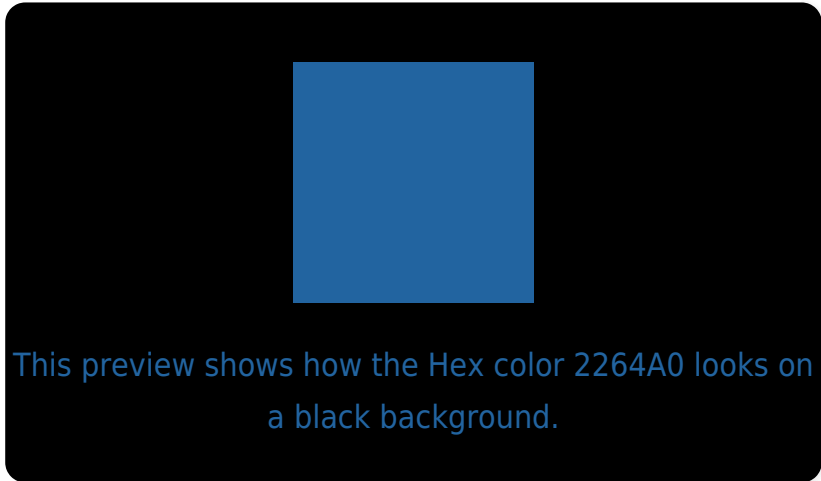
Large Text (above 18pt) WCAG AA ✓ Pass

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

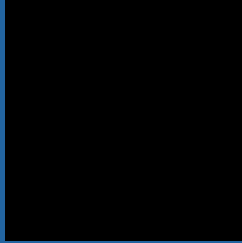
Any Text WCAG AA × Fail

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 2264A0 Background



This preview shows how black text looks on a background with the Hex color 2264A0.

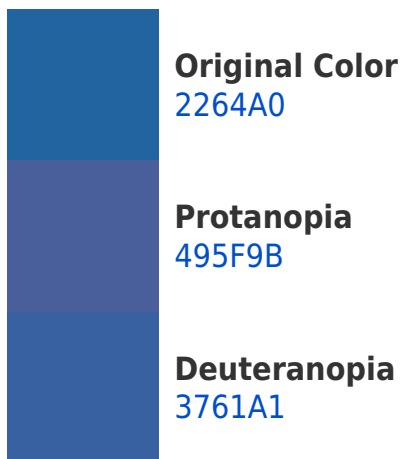


This preview shows how white text looks on a background with the Hex color 2264A0.

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](#).

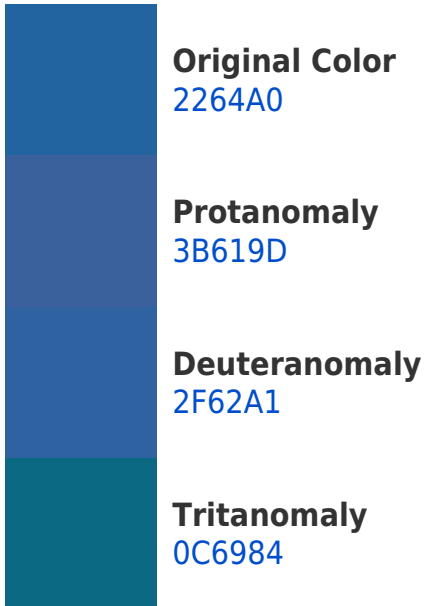
Dichromacy



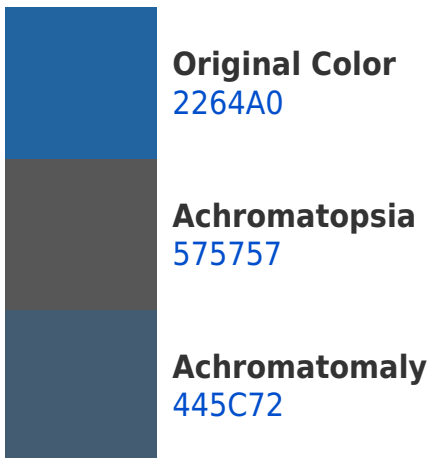


Tritanopia
006C74

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2264A0 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 #2264A0 looks like.

```
.text, #text, p{  
    color:#2264A0  
}
```

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 #2264A0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2264A0
}
```

Border

The CSS property to change the border of an element to Hex 2264A0 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
#2264A0 }
```

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

```
.border{ border-color:#2264A0 }
```

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

Here you see how a box with a 4 pixel #2264A0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2264A0; -webkit-box-shadow:4px 4px  
4px 4px #2264A0; box-shadow:4px 4px 4px  
4px #2264A0 }
```

Background

The CSS property to change the background color of an element to Hex 2264A0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2264A0 }
```

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

```
.background{ background-color:#2264A0 }
```

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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