

Converting Colors

Hex(24365A)

Have a look what the booklet for
Hex(24365A) contains.

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Color

Hex(24365A)

Conversions

Conversions Part 1

Format	Color
Hex	24365A
RGB	36, 54, 90
RGB Percent	14%, 21%, 35%
CMY	0.8588, 0.7882, 0.6471
CMYK	0.60, 0.40, 0.00, 0.65
HSL	220°, 43%, 25%
HSV	220°, 60%, 35%
XYZ	3.8922, 3.7516, 10.1918
YIQ	52.7220, -22.2840, 7.3800

Conversions

Conversions Part 2

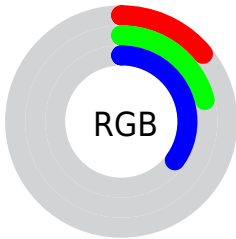
Format	Color
R_{YB}	36, 50, 90
Decimal	2373210
CIE _{Lab}	22.83, 4.96, -23.86
CIE _{LCh}	23, 24.366, 281.743
Yxy	3.7516, 0.2182, 0.2103
Android (android.graphics.Color)	4280563290 (0xFF24365A)
YUV	52.7220, 18.3781, -14.6652
Hunter-Lab	19.3690, 1.9736, -17.6397

Details

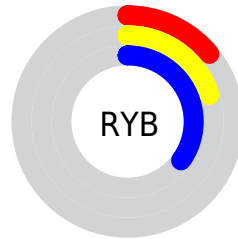
The Hex color **24365A** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **5A4824**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **55648C**, and **00092C** is the 20% darker color. If you saturate the color by 10%, you get **1B305A**, and if you desaturate by 10%, it is **2D3C5A**.

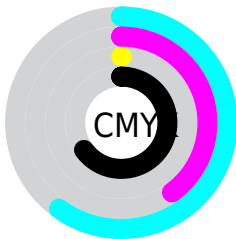
Distribution



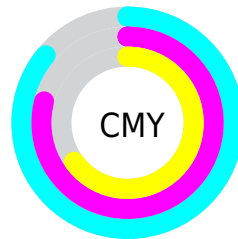
- Red (14%)
- Green (21%)
- Blue (35%)



- Red (14%)
- Yellow (20%)
- Blue (35%)



- Cyan (60%)
- Magenta (40%)
- Yellow (0%)
- Black (65%)



- Cyan (86%)
- Magenta (79%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 24365A 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 24365A by changing the saturation by 10% instead.

■ 24365A

■ 24365A

FFFFFF

■ 082142

■ 55648C

■ 00092C

■ 6F7DA7

■ 000117

■ 8997C2

■ 000000

■ A4B2DE

■ C0CDFB

■ DCE9FF

■ F9FFFF

■ 24365A

■ 24365A

■ 1B305A

■ 2D3C5A

■ 122A5A

■ 36425A

■ 09245A

■ 3F485A

■ 001E5A

■ 484E5A

■ 51545A

■ 5A5A5A

■ 63605A

■ 6C665A

■ 756C5A

Harmonies

Analogous

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



003C59



24365A



412F52

Triad

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



24365A



552B1F



073F2A

Complementary

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



24365A



5A4824

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.



263C1A



24365A



4A3213

Square

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



24365A



582730



3A3811



00403D

Rectangle

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



24365A



4E2A48



3A3811



153E25

Sweetspot

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



24365A



606775



245A48



2E323B



BABABA



3B3B3B

Same Dimension

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



24365A



213D75



2D245A



292B2E



00256E



004FED

Inverse Universe

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



5A2436



75213D



515A24



2E292B



6E0025



ED004F

Previews

White Background



This preview shows how the Hex color 24365A looks on a white background.

Color Contrast Check

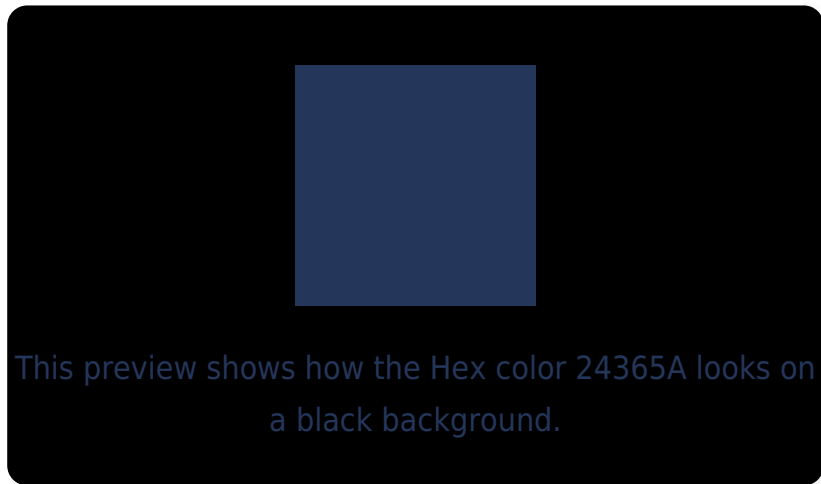
Large Text (above 18pt) WCAG AA ✓ Pass

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](#).

Hex 24365A Background



This preview shows how black text looks on a background with the Hex color 24365A.



This preview shows how white text looks on a background with the Hex color 24365A.

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
24365A

Protanopia
283559

Deuteranopia
20375A



Tritanopia
183B40

Trichromacy



Original Color
24365A

Protanomaly
273559

Deuteranomaly
21375A

Tritanomaly
1C3949

Monochromacy



Original Color
24365A

Achromatopsia
353535

Achromatomaly
2F3542

CSS Examples

Text

The CSS property to change the color of the text to Hex 24365A 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 #24365A looks like.

```
.text, #text, p{  
    color:#24365A  
}
```

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 #24365A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #24365A
}
```

Border

The CSS property to change the border of an element to Hex 24365A 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
#24365A }
```

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

```
.border{ border-color:#24365A }
```

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

Here you see how a box with a 4 pixel #24365A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #24365A; -webkit-box-shadow:4px 4px  
4px 4px #24365A; box-shadow:4px 4px 4px  
4px #24365A }
```

Background

The CSS property to change the background color of an element to Hex 24365A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#24365A }
```

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

```
.background{ background-color:#24365A }
```

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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