

Converting Colors

Hex(455D94)

Have a look what the booklet for
Hex(455D94) contains.

Hex(455D94)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(455D94)

Conversions

Conversions Part 1

Format	Color
Hex	455D94
RGB	69, 93, 148
RGB Percent	27%, 36%, 58%
CMY	0.7294, 0.6353, 0.4196
CMYK	0.53, 0.37, 0.00, 0.42
HSL	222°, 36%, 43%
HSV	222°, 53%, 58%
XYZ	11.7139, 11.2320, 29.5676
YIQ	92.0940, -31.9590, 12.0170

Conversions

Conversions Part 2

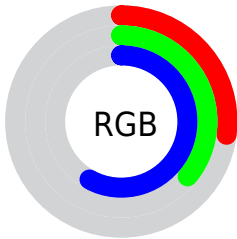
Format	Color
R_{YB}	69, 87, 148
Decimal	4545940
CIE _{Lab}	39.97, 7.58, -33.02
CIE _{LCh}	40, 33.875, 282.929
Yxy	11.2320, 0.2231, 0.2139
Android (android.graphics.Color)	4282736020 (0xFF455D94)
YUV	92.0940, 27.5617, -20.2534
Hunter-Lab	33.5142, 3.7394, -28.8481

Details

The Hex color **455D94** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **947C45**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **7A8FCA**, and **063061** is the 20% darker color. If you saturate the color by 10%, you get **365394**, and if you desaturate by 10%, it is **546794**.

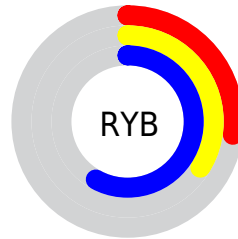
Distribution



Red (27%)

Green (36%)

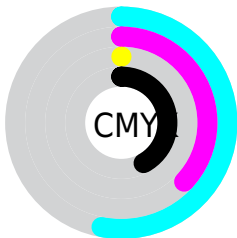
Blue (58%)



Red (27%)

Yellow (34%)

Blue (58%)

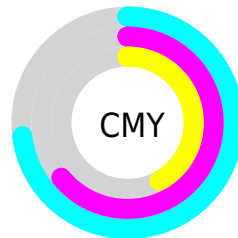


Cyan (53%)

Magenta (37%)

Yellow (0%)

Black (42%)



Cyan (73%)

Magenta (64%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 455D94 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 455D94 by changing the saturation by 10% instead.

■ 455D94

■ 455D94

FFFFFF

■ 2A467A

■ 7A8FCA

■ 063061

■ 95A9E7

■ 001B49

■ B1C5FF

■ 000032

■ CDE0FF

■ 00021C

■ EAFDFF

■ 000000

■ 455D94

■ 455D94

■ 365394

■ 546794

■ 274894

■ 637294

■ 193E94

■ 717C94

■ 0A3494

■ 808694

■ 002D94

■ 8F9194

■ 9E9B94

■ ADA594

■ BBAF94

■ CABA94

Harmonies

Analogous

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



006693



455D94



705287

Triad

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



455D94



8D4D3A



166B4D

Complementary

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



455D94



947C45

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.



446734



455D94



7C5729

Square

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



455D94



924753



636026



006C6A

Rectangle

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



455D94



824C78



636026



2A6A44

Sweetspot

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



455D94



A1AABF



45947B



4E5461



E0E0E0



616161

Same Dimension

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



455D94



456ABF



534594



43454A



002A8A



00030A

Inverse Universe

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



94455D



BF456A



869445



4A4345



8A002A



0A0003

Previews

White Background



This preview shows how the Hex color 455D94 looks on a white background.

Color Contrast Check

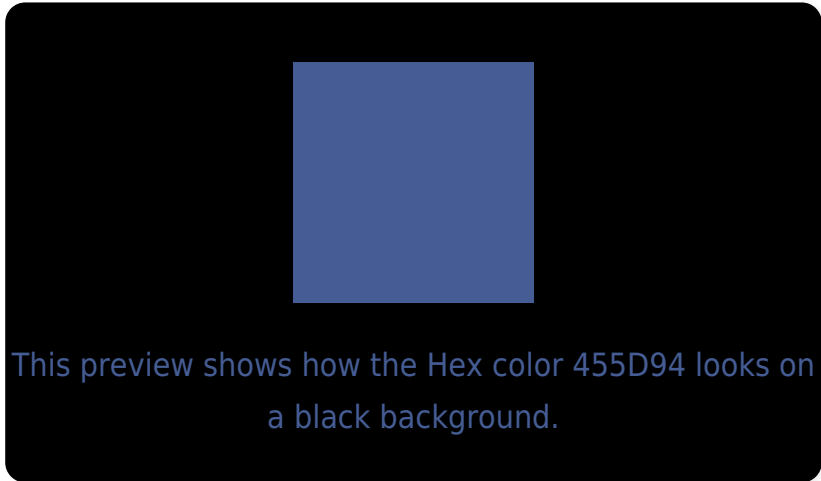
Large Text (above 18pt) WCAG AA ✓ Pass

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

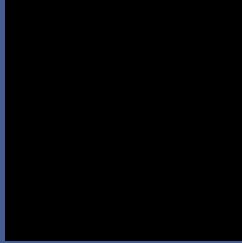
Any Text WCAG AA × Fail

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 455D94 Background



This preview shows how black text looks on a background with the Hex color 455D94.



This preview shows how white text looks on a background with the Hex color 455D94.

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
455D94

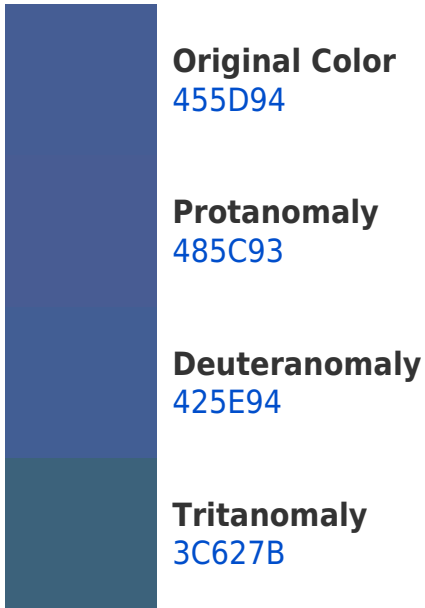
Protanopia
495C93

Deuteranopia
415E94

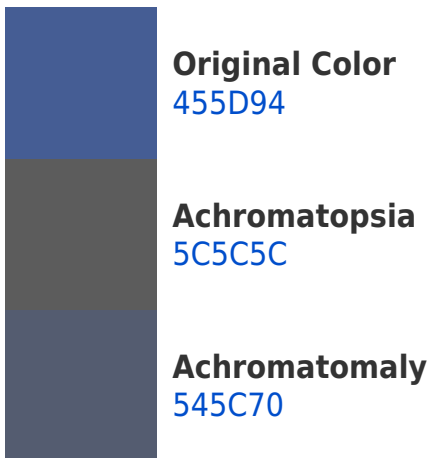


Tritanopia
37656D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 455D94 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 #455D94 looks like.

```
.text, #text, p{  
    color:#455D94  
}
```

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 #455D94 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #455D94
}
```

Border

The CSS property to change the border of an element to Hex 455D94 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
#455D94 }
```

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

```
.border{ border-color:#455D94 }
```

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

Here you see how a box with a 4 pixel #455D94 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #455D94; -webkit-box-shadow:4px 4px  
4px 4px #455D94; box-shadow:4px 4px 4px  
4px #455D94 }
```

Background

The CSS property to change the background color of an element to Hex 455D94 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#455D94 }
```

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

```
.background{ background-color:#455D94 }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor