

Converting Colors

HunterLab(40.0871, -4.0405,
-25.9863)

Have a look what the booklet for
HunterLab(40.0871, -4.0405,
-25.9863) contains.

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Color

**HunterLab(39.9501, -3.9340,
-26.1820)**

Conversions

Conversions Part 1

Format	Color
Hex	4073A2
RGB	64, 115, 162
RGB Percent	25%, 45%, 64%
CMY	0.7490, 0.5490, 0.3647
CMYK	0.60, 0.29, 0.00, 0.36
HSL	209°, 43%, 44%
HSV	209°, 60%, 64%
XYZ	14.7667, 15.9601, 36.4848
YIQ	105.1090, -45.4830, 3.8050

Conversions

Conversions Part 2

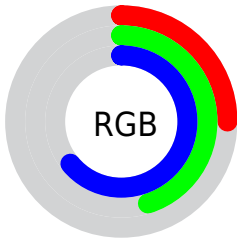
Format	Color
R _{YB}	64, 98, 162
Decimal	4223906
CIE _{Lab}	46.92, -2.42, -30.43
CIE _{LCh}	47, 30.523, 265.448
Yxy	15.9607, 0.2197, 0.2375
Android (android.graphics.Color)	4282413986 (0xFF4073A2)
YUV	105.1090, 28.0473, -36.0526
Hunter-Lab	39.9501, -3.9340, -26.1820

Details

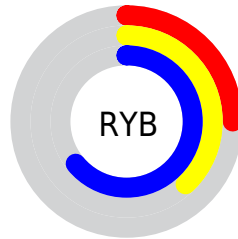
The HunterLab color $39.9501, -3.9340, -26.1820$ is a dark color, and the websafe version is hex 336699 . A complement of this color would be $44.0698, 10.0054, 20.8041$, and the grayscale version is $37.5367, -2.0029, 2.0394$.

A 20% lighter version of the original color is $60.5312, -5.4053, -27.0952$, and $22.6718, -1.7139, -24.6380$ is the 20% darker color. If you saturate the color by 10%, you get $37.1432, -2.4620, -31.7201$, and if you desaturate by 10%, it is $42.9329, -4.8603, -20.8362$.

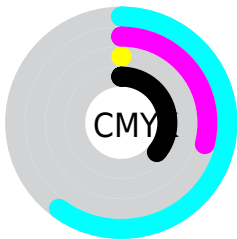
Distribution



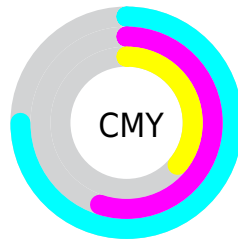
- Red (25%)
- Green (45%)
- Blue (64%)



- Red (25%)
- Yellow (38%)
- Blue (64%)



- Cyan (60%)
- Magenta (29%)
- Yellow (0%)
- Black (36%)



- Cyan (75%)
- Magenta (55%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 39.9501, -3.9340, -26.1820 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 HunterLab color 39.9501, -3.9340, -26.1820 by changing the saturation by 10% instead.

■ 39.9501, -3.9340,
-26.1820

■ 39.9501, -3.9340,
-26.1820

■ 151.3636,
-10.9055, -29.6451

■ 30.8161, -3.2939,
-25.5982

■ 60.4400, -5.2990,
-27.2996

■ 22.5085, -2.6827,
-25.0767

■ 71.6963, -6.0231,
-27.7938

■ 15.1203, -2.0990,
-24.7914

■ 83.5758, -6.7740,
-28.2353

■ 8.7544, -1.6734,
-25.4201

■ 96.0474, -7.5509,
-28.6226

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 109.0842, -8.3532,
-28.9558

0.0000, NaN, NaN

122.6627, -9.1801,

0.0000, NaN, NaN

-29.2362

0.0000, NaN, NaN

136.7620,
-10.0311, -29.4654

■ 39.9501, -3.9340,
-26.1820

■ 39.9501, -3.9340,
-26.1820

■ 37.1432, -2.4620,
-31.7201

■ 42.9329, -4.8603,
-20.8362

■ 34.5268, -0.3948,
-37.4308

■ 46.0728, -5.2992,
-15.6919

■ 32.1167, 2.2972,
-43.2737

■ 49.3553, -5.3080,
-10.7438

■ 29.9944, 5.3286,
-48.9933

■ 52.7665, -4.9405,
-5.9807

■ 56.2944, -4.2447,
-1.3877

■ 59.9282, -3.2622,
3.0516

■ 63.6588, -2.0292,
7.3539

■ 67.4781, -0.5763,
11.5347

■ 71.3791, 1.0703,
15.6088

Harmonies

Analogous

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



39.9508, -14.3019, -20.2303



39.9501, -3.9340, -26.1820



39.9508, 8.1825, -22.8993

Triad

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



39.9508, -3.9338, -26.1811



39.9508, 20.7012, 10.4434



39.9508, -19.2885, 12.6558

Complementary

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



39.9501, -3.9340, -26.1820



44.0698, 10.0054, 20.8041

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.



39.9508, -11.4991, 17.2606



39.9501, -3.9340, -26.1820



39.9508, 11.6911, 16.2702

Square

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



39.9508, -3.9338, -26.1811



39.9508, 23.3332, 0.4081



39.9508, -0.3014, 18.3579



39.9508, -22.4824, 3.8640

Rectangle

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



39.9501, -3.9340, -26.1820



39.9508, 15.5166, -16.3106



39.9508, -0.3014, 18.3579



39.9508, -17.1686, 14.6307

Sweetspot

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



39.9508, -3.9338, -26.1811



72.1046, -6.4906, -6.7105



52.9633, -32.5763, 15.6355



33.5506, -3.1765, -4.0120



90.9709, -4.8540, 4.9426



38.3822, -2.0480, 2.0854

Same Dimension

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



39.9508, -3.9338, -26.1811



48.6392, -2.3296, -45.7144



27.8308, 19.6649, -55.3286



27.2785, -1.9904, -0.4033



26.7852, 4.4232, -43.0276



4.9481, -1.1273, -3.7511

Inverse Universe

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



35.4777, 37.6788, -4.5861



43.2524, 60.8100, -5.0096



57.2334, -12.2752, 30.0265



26.7295, 1.4419, 0.6384



25.6289, 45.9066, 0.9298



3.8408, 7.1074, -1.6267

Previews

White Background



This preview shows how the HunterLab color 39.9501, -3.9340, -26.1820 looks on a white background.

Color Contrast Check

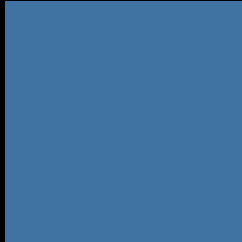
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 39.9501, -3.9340, -26.1820 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

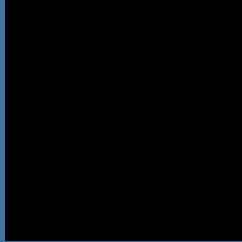
Any Text WCAG AA × Fail

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](#).

HunterLab 39.9501, -3.9340, -26.1820 Background



This preview shows how black text looks on a background with the HunterLab color 39.9501, -3.9340, -26.1820.

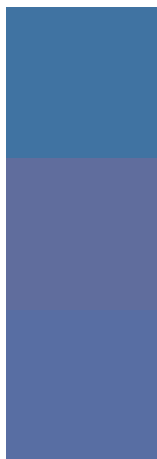


This preview shows how white text looks on a background with the HunterLab color 39.9501, -3.9340, -26.1820.

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

39.9501, -3.9340, -26.1820

Protanopia

39.8226, 3.7243, -22.8882

Deuteranopia

39.8383, 2.9195, -26.9696



Tritanopia

39.9894, -15.3037, -7.4630

Trichromacy



Original Color

39.9501, -3.9340, -26.1820

Protanomaly

39.6950, 0.6775, -24.5210

Deuteranomaly

39.8685, 0.2068, -26.9595

Tritanomaly

39.9486, -11.5776, -13.5680

Monochromacy



Original Color

39.9501, -3.9340, -26.1820

Achromatopsia

37.5850, -2.0054, 2.0421

Achromatomaly

38.2326, -4.1071, -7.1233

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 39.9501, -3.9340, -26.1820 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 `rgb(64, 115, 162)` looks like.

```
.text, #text, p{  
    color:rgb(64, 115, 162)  
}
```

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 rgb(64, 115, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 115, 162) }
```

Border

The CSS property to change the border of an element to HunterLab 39.9501, -3.9340, -26.1820 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 rgb(64, 115, 162) }
```


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

```
.border{ border-color:rgb(64, 115, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 115, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 115, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 115, 162);  
box-shadow:4px 4px 4px 4px rgb(64, 115,  
162) }
```

Background

The CSS property to change the background color of an element to HunterLab 39.9501, -3.9340, -26.1820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 115, 162) }
```

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

```
.background{ background-color: rgb(64, 115,  
162) }
```

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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