

Converting Colors

HunterLab(39.7686, -1.7025,
-37.5340)

Have a look what the booklet for
HunterLab(39.7686, -1.7025,
-37.5340) contains.

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Color

**HunterLab(39.7659, -1.6959,
-37.5432)**

Conversions

Conversions Part 1

Format	Color
Hex	2F72B1
RGB	47, 114, 177
RGB Percent	18%, 45%, 69%
CMY	0.8157, 0.5529, 0.3059
CMYK	0.73, 0.36, 0.00, 0.31
HSL	209°, 58%, 44%
HSV	209°, 73%, 69%
XYZ	15.1254, 15.8133, 43.8500
YIQ	101.1490, -60.1550, 5.3890

Conversions

Conversions Part 2

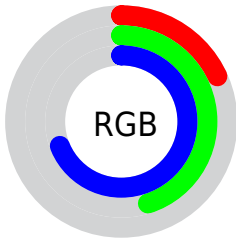
Format	Color
R_{YB}	47, 91, 177
Decimal	3109553
CIE _{Lab}	46.73, 0.57, -39.54
CIE _{LCh}	47, 39.546, 270.828
Yxy	15.8138, 0.2022, 0.2114
Android (android.graphics.Color)	4281299633 (0xFF2F72B1)
YUV	101.1490, 37.3945, -47.4887
Hunter-Lab	39.7659, -1.6959, -37.5432

Details

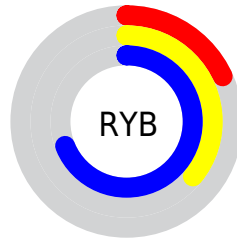
The HunterLab color $39.7659, -1.6959, -37.5432$ is a dark color, and the websafe version is hex 336699 . A complement of this color would be $45.5040, 15.3833, 24.8033$, and the grayscale version is $36.0117, -1.9215, 1.9566$.

A 20% lighter version of the original color is $60.3909, -2.8993, -38.5236$, and $23.3871, 2.1596, -33.8937$ is the 20% darker color. If you saturate the color by 10%, you get $36.9183, 0.8884, -44.0367$, and if you desaturate by 10%, it is $42.8369, -3.5949, -31.2385$.

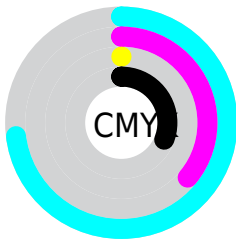
Distribution



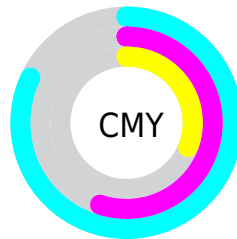
- Red (18%)
- Green (45%)
- Blue (69%)



- Red (18%)
- Yellow (36%)
- Blue (69%)



- Cyan (73%)
- Magenta (36%)
- Yellow (0%)
- Black (31%)



- Cyan (82%)
- Magenta (55%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 39.7659, -1.6959, -37.5432 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 39.7659, -1.6959, -37.5432 by changing the saturation by 10% instead.

■ 39.7659, -1.6959,
-37.5432

■ 39.7659, -1.6959,
-37.5432

■ 151.0763, -7.4012,
-42.6405

■ 30.6472, -1.2438,
-37.0041

■ 60.2284, -2.7249,
-38.8506

■ 22.3563, -0.8400,
-36.7274

■ 71.4723, -3.2967,
-39.5097

■ 14.9871, -0.4903,
-37.1042

■ 83.3401, -3.9033,
-40.1404

■ 8.6311, -0.1726,
-39.5837

■ 95.8005, -4.5428,
-40.7323

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 108.8266, -5.2137,
-41.2800

0.0000, NaN, NaN

122.3948, -5.9145,

0.0000, NaN, NaN

-41.7811

0.0000, NaN, NaN

136.4842, -6.6440,
-42.2346

■ 39.7659, -1.6959,
-37.5432

■ 39.7659, -1.6959,
-37.5432

■ 36.9183, 0.8884,
-44.0367

■ 42.8369, -3.5949,
-31.2385

■ 34.3081, 4.1768,
-50.6698

■ 46.1102, -4.8620,
-25.1568

■ 32.7017, 6.6123,
-55.1483

■ 49.5670, -5.5609,
-19.3089

■ 53.1892, -5.7583,
-13.6921

■ 56.9605, -5.5169,
-8.2942

■ 60.8664, -4.8930,
-3.0980

■ 64.8944, -3.9363,
1.9157

■ 69.0336, -2.6893,
6.7667

■ 73.2745, -1.1882,
11.4738

Harmonies

Analogous

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



39.7665, -15.5493, -31.1098



39.7659, -1.6959, -37.5432



39.7665, 14.2118, -30.4046

Triad

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



39.7665, -1.6954, -37.5423



39.7665, 26.6228, 14.0606



39.7665, -24.8117, 13.5900

Complementary

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



39.7659, -1.6959, -37.5432



45.5040, 15.3833, 24.8033

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.



39.7665, -16.1857, 19.5484



39.7659, -1.6959, -37.5432



39.7665, 13.3588, 19.7384

Square

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



39.7665, -1.6954, -37.5423



39.7665, 32.0158, 2.5693



39.7665, -2.5508, 21.2822



39.7665, -27.6062, 1.7556

Rectangle

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



39.7659, -1.6959, -37.5432



39.7665, 23.5264, -20.0477



39.7665, -2.5508, 21.2822



39.7665, -22.5699, 16.1603

Sweetspot

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



39.7665, -1.6954, -37.5423



76.7771, -7.3172, -10.3463



57.5946, -39.7333, 19.6553



35.1135, -3.4771, -5.6842



94.3401, -5.0338, 5.1257



41.3092, -2.2042, 2.2444

Same Dimension

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



39.7665, -1.6954, -37.5423



47.2501, 3.7450, -64.2968



24.4749, 31.6632, -85.1282



29.8835, -2.1690, -0.4848



28.0540, 5.2112, -46.3144



6.0320, -0.8895, -5.6192

Inverse Universe

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



35.4906, 49.4748, -3.8603



43.8233, 74.0830, -1.0503



63.3624, -15.2635, 36.2590



29.2847, 1.6170, 0.7051



27.0825, 48.4560, 1.4050



4.9245, 9.0309, -1.4497

Previews

White Background



This preview shows how the HunterLab color 39.7659, -1.6959, -37.5432 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 39.7659, -1.6959, -37.5432 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

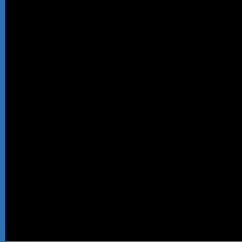
Any Text WCAG AA × Fail

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 39.7659, -1.6959, -37.5432 Background



This preview shows how black text looks on a background with the HunterLab color 39.7659, -1.6959, -37.5432.

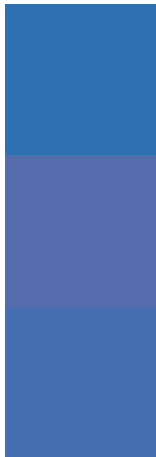


This preview shows how white text looks on a background with the HunterLab color 39.7659, -1.6959,

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

39.7659, -1.6959, -37.5432

Protanopia

39.6610, 5.9316, -33.8036

Deuteranopia

39.8564, 3.0108, -38.0445

Trichromacy



Original Color

39.7659, -1.6959, -37.5432

Protanomaly

39.4786, 2.7510, -35.7651

Deuteranomaly

39.7829, 1.3468, -38.2346

Monochromacy



Original Color

39.7659, -1.6959, -37.5432

Achromatopsia

36.0744, -1.9248, 1.9600

Achromatomaly

36.9356, -4.1806, -10.6524

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 39.7659, -1.6959, -37.5432 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(47, 114, 177)` looks like.

```
.text, #text, p{  
    color:rgb(47, 114, 177)  
}
```

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(47, 114, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 114, 177) }
```

Border

The CSS property to change the border of an element to HunterLab 39.7659, -1.6959, -37.5432 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(47, 114, 177) }
```

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

```
.border{ border-color:rgb(47, 114, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(47, 114, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 114, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 114, 177);  
box-shadow:4px 4px 4px 4px rgb(47, 114,  
177) }
```


Background

The CSS property to change the background color of an element to HunterLab 39.7659, -1.6959, -37.5432 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 114, 177) }
```

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

```
.background{ background-color: rgb(47, 114,  
177) }
```

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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