

Converting Colors

HunterLab(42.2958, -2.6418,
-33.2679)

Have a look what the booklet for
HunterLab(42.2958, -2.6418,
-33.2679) contains.

HunterLab(42.3626, -2.8266, -32.8957)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(42.3626, -2.8266,
-32.8957)**

Conversions

Conversions Part 1

Format	Color
Hex	3F79B2
RGB	63, 121, 178
RGB Percent	25%, 47%, 70%
CMY	0.7529, 0.5255, 0.3020
CMYK	0.65, 0.32, 0.00, 0.30
HSL	210°, 48%, 47%
HSV	210°, 65%, 70%
XYZ	16.9232, 17.9459, 44.6915
YIQ	110.1560, -52.8650, 5.4310

Conversions

Conversions Part 2

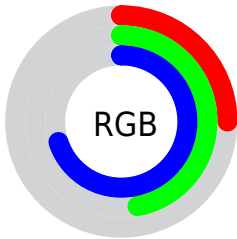
Format	Color
R _Y B	63, 102, 178
Decimal	4159922
CIE Lab	49.43, -0.74, -35.82
CIE LCh	49, 35.830, 268.818
Yxy	17.9465, 0.2127, 0.2256
Android (android.graphics.Color)	4282350002 (0xFF3F79B2)
YUV	110.1560, 33.4471, -41.3558
Hunter-Lab	42.3626, -2.8266, -32.8957

Details

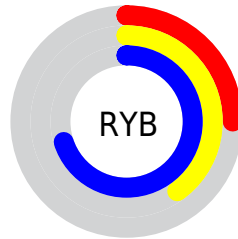
The HunterLab color $42.3626, -2.8266, -32.8957$ is a dark color, and the websafe version is hex 336699 . A complement of this color would be $48.2269, 11.7423, 24.1402$, and the grayscale version is $39.4390, -2.1044, 2.1428$.

A 20% lighter version of the original color is $63.1606, -4.0424, -34.2231$, and $24.9915, -0.2791, -30.6347$ is the 20% darker color. If you saturate the color by 10%, you get $39.2489, -0.7348, -39.4548$, and if you desaturate by 10%, it is $45.6879, -4.2682, -26.5819$.

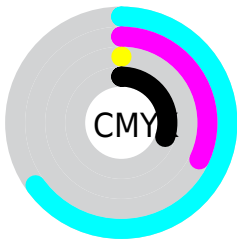
Distribution



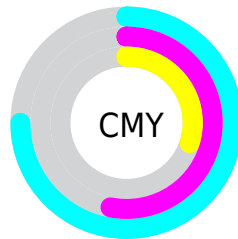
- Red (25%)
- Green (47%)
- Blue (70%)



- Red (25%)
- Yellow (40%)
- Blue (70%)



- Cyan (65%)
- Magenta (32%)
- Yellow (0%)
- Black (30%)



- Cyan (75%)
- Magenta (53%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 42.3626, -2.8266, -32.8957 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 42.3626, -2.8266, -32.8957 by changing the saturation by 10% instead.

■ 42.3626, -2.8266,
-32.8957

■ 42.3626, -2.8266,
-32.8957

■ 155.1030, -9.1542,
-37.3176

■ 33.0327, -2.2828,
-32.2919

■ 63.2030, -4.0201,
-34.1554

■ 24.5100, -1.7782,
-31.8159

■ 74.6188, -4.6667,
-34.7485

■ 16.8807, -1.3154,
-31.6918

■ 86.6496, -5.3442,
-35.2991

■ 10.2651, -0.8982,
-32.5663

■ 99.2653, -6.0513,
-35.8021

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 112.4401, -6.7869,
-36.2555

0.0000, NaN, -NF

126.1511, -7.5498,

0.0000, NaN, NaN

-36.6588

0.0000, NaN, NaN

140.3781, -8.3392,
-37.0125

■ 42.3626, -2.8266,
-32.8957

■ 42.3626, -2.8266,
-32.8957

■ 39.2489, -0.7348,
-39.4548

■ 45.6879, -4.2682,
-26.5819

■ 36.3654, 2.0586,
-46.2280

■ 49.2019, -5.1271,
-20.5277

■ 33.7296, 5.5708,
-53.1570

■ 52.8861, -5.4723,
-14.7278

■ 32.3855, 7.6632,
-57.0216

■ 56.7233, -5.3690,
-9.1672

■ 60.6982, -4.8759,
-3.8261

■ 64.7979, -4.0444,
1.3177

■ 69.0108, -2.9183,
6.2861

■ 73.3273, -1.5352,
11.1003

■ 77.7388, 0.0735,
15.7795

Harmonies

Analogous

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



42.3633, -15.5331, -26.5935



42.3626, -2.8266, -32.8957



42.3633, 11.7665, -27.4674

Triad

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



42.3633, -2.8263, -32.8948



42.3633, 24.5082, 13.0418



42.3633, -23.2431, 13.7007

Complementary

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



42.3626, -2.8266, -32.8957



48.2269, 11.7423, 24.1402

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.



42.3633, -14.6747, 19.3729



42.3626, -2.8266, -32.8957



42.3633, 12.8735, 19.0904

Square

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



42.3633, -2.8263, -32.8948



42.3633, 28.7501, 1.7649



42.3633, -1.6961, 20.9614



42.3633, -26.3183, 2.8400

Rectangle

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



42.3626, -2.8266, -32.8957



42.3633, 20.3878, -18.6904



42.3633, -1.6961, 20.9614



42.3633, -20.9706, 16.1258

Sweetspot

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



42.3633, -2.8263, -32.8948



79.1868, -6.9406, -8.5163



58.4980, -37.4504, 17.8329



36.5612, -3.3483, -4.9720



95.4677, -5.0939, 5.1869



42.2927, -2.2566, 2.2978

Same Dimension

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



42.3633, -2.8263, -32.8948



50.9704, 0.6753, -57.4289



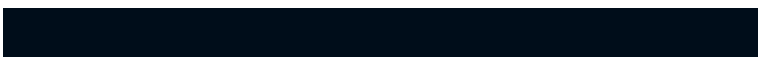
28.3604, 25.7219, -70.1296



29.8576, -2.1265, -0.5163



27.6232, 6.0369, -47.5585



5.9721, -0.7952, -5.7479

Inverse Universe

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



37.9491, 44.5461, -4.0986



46.3674, 70.4911, -3.0865



63.9592, -14.8085, 34.7919



29.2821, 1.6026, 0.7430



27.0378, 48.2932, 2.0435



4.9172, 9.0044, -1.3470

Previews

White Background



This preview shows how the HunterLab color 42.3626, -2.8266, -32.8957 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 42.3626, -2.8266, -32.8957 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

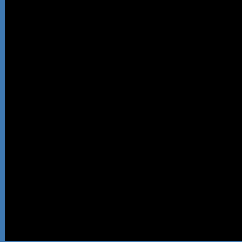
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 42.3626, -2.8266, -32.8957 Background



This preview shows how black text looks on a background with the HunterLab color 42.3626, -2.8266, -32.8957.



This preview shows how white text looks on a background with the HunterLab color 42.3626, -2.8266, -32.8957.

-32.8957.

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

42.3626, -2.8266, -32.8957

Protanopia

42.2137, 4.7898, -29.4322

Deuteranopia

42.3742, 3.0840, -33.5082



Tritanopia

42.4688, -17.8944, -8.2450

Trichromacy



Original Color

42.3626, -2.8266, -32.8957

Protanomaly

42.1296, 1.8832, -31.0845

Deuteranomaly

42.2271, 1.1641, -33.8403

Tritanomaly

42.2783, -12.8639, -16.4368

Monochromacy



Original Color

42.3626, -2.8266, -32.8957

Achromatopsia

39.4875, -2.1070, 2.1454

Achromatomaly

40.1386, -3.9600, -9.1945

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 42.3626, -2.8266, -32.8957 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(63, 121, 178)` looks like.

```
.text, #text, p{  
    color:rgb(63, 121, 178)  
}
```

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(63, 121, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 121, 178) }
```

Border

The CSS property to change the border of an element to HunterLab 42.3626, -2.8266, -32.8957 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(63, 121, 178) }
```


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

```
.border{ border-color:rgb(63, 121, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 121, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 121, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 121, 178);  
box-shadow:4px 4px 4px 4px rgb(63, 121,  
178) }
```

Background

The CSS property to change the background color of an element to HunterLab 42.3626, -2.8266, -32.8957 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 121, 178) }
```

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

```
.background{ background-color: rgb(63, 121,  
178) }
```

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