

Converting Colors

HunterLab(42.7657, -8.8198,
-25.3743)

Have a look what the booklet for
HunterLab(42.7657, -8.8198,
-25.3743) contains.

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Color

**HunterLab(42.6593, -8.6809,
-25.3535)**

Conversions

Conversions Part 1

Format	Color
Hex	337DA8
RGB	51, 125, 168
RGB Percent	20%, 49%, 66%
CMY	0.8000, 0.5098, 0.3412
CMYK	0.70, 0.26, 0.00, 0.34
HSL	202°, 53%, 43%
HSV	202°, 70%, 66%
XYZ	15.7667, 18.1982, 39.7273
YIQ	107.7760, -57.9070, -2.3150

Conversions

Conversions Part 2

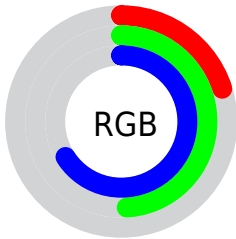
Format	Color
R_{YB}	51, 96, 168
Decimal	3374504
CIE _{Lab}	49.74, -8.61, -29.58
CIE _{LCh}	50, 30.804, 253.762
Yxy	18.1988, 0.2140, 0.2470
Android (android.graphics.Color)	4281564584 (0xFF337DA8)
YUV	107.7760, 29.6904, -49.7926
Hunter-Lab	42.6593, -8.6809, -25.3535

Details

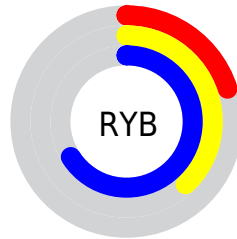
The HunterLab color $42.6593, -8.6809, -25.3535$ is a dark color, and the websafe version is hex 006699 . A complement of this color would be $40.7068, 19.7500, 20.8662$, and the grayscale version is $38.5469, -2.0568, 2.0943$.

A 20% lighter version of the original color is $63.6773, -11.0943, -25.9586$, and $25.3571, -3.9909, -23.0790$ is the 20% darker color. If you saturate the color by 10%, you get $40.4021, -7.4776, -29.6004$, and if you desaturate by 10%, it is $45.0879, -9.3121, -21.0953$.

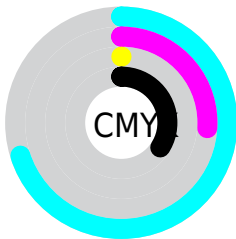
Distribution



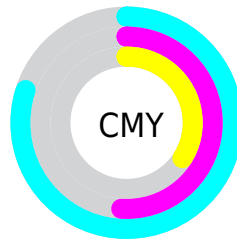
- Red (20%)
- Green (49%)
- Blue (66%)



- Red (20%)
- Yellow (38%)
- Blue (66%)



- Cyan (70%)
- Magenta (26%)
- Yellow (0%)
- Black (34%)



- Cyan (80%)
- Magenta (51%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 42.6593, -8.6809, -25.3535 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 42.6593, -8.6809, -25.3535 by changing the saturation by 10% instead.

■ 42.6593, -8.6809,
-25.3535

■ 42.6593, -8.6809,
-25.3535

155.5600,
-18.3387, -28.5059

■ 33.3059, -7.6416,
-24.7757

■ 63.5419, -10.7578,
-26.4177

■ 24.7574, -6.5911,
-24.2235

■ 74.9770, -11.8053,
-26.8771

■ 17.0993, -5.5131,
-23.8165

■ 87.0261, -12.8625,
-27.2818

■ 10.4504, -4.3810,
-23.9100

■ 99.6593, -13.9310,
-27.6316

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 112.8507,
-15.0121, -27.9272

0.0000, NaN, NaN

126.5777,

0.0000, NaN, NaN

-16.1068, -28.1703

0.0000, NaN, NaN

140.8202,
-17.2155, -28.3625

■ 42.6593, -8.6809,
-25.3535

■ 42.6593, -8.6809,
-25.3535

■ 40.4021, -7.4776,
-29.6004

■ 45.0879, -9.3121,
-21.0953

■ 38.3184, -5.6934,
-33.8095

■ 47.6774, -9.4023,
-16.8553

■ 36.3840, -3.4313,
-38.0094

■ 50.4187, -8.9926,
-12.6541

■ 36.3151, -3.3473,
-38.1649

■ 53.3013, -8.1290,
-8.5067

■ 56.3147, -6.8575,
-4.4225

■ 59.4491, -5.2221,
-0.4061

■ 62.6951, -3.2629,
3.5412

■ 66.0442, -1.0165,
7.4209

■ 69.4888, 1.4853,
11.2358

Harmonies

Analogous

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



42.6600, -18.0233, -16.3121



42.6593, -8.6809, -25.3535



42.6600, 3.4834, -25.7529

Triad

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



42.6600, -8.6807, -25.3526



42.6600, 23.1556, 7.3260



42.6600, -17.4086, 15.5646

Complementary

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



42.6593, -8.6809, -25.3535



40.7068, 19.7500, 20.8662

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.



42.6600, -7.7500, 18.8816



42.6593, -8.6809, -25.3535



42.6600, 16.1435, 15.1168

Square

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



42.6600, -8.6807, -25.3526



42.6600, 22.8333, -4.4463



42.6600, 4.5250, 18.7450



42.6600, -22.6590, 8.1361

Rectangle

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



42.6593, -8.6809, -25.3535



42.6600, 11.6487, -20.8820



42.6600, 4.5250, 18.7450



42.6600, -14.6205, 17.0899

Sweetspot

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



42.6600, -8.6807, -25.3526



75.1395, -9.5738, -6.9120



54.3286, -37.9573, 21.2802



34.5770, -4.6924, -3.9003



92.0917, -4.9138, 5.0035



39.3538, -2.0998, 2.1382

Same Dimension

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



42.6600, -8.6807, -25.3526



52.7396, -8.7480, -43.2298



27.3839, 19.9828, -62.9863



28.3927, -2.4590, -0.1268



31.7161, -3.1653, -32.8094



5.8078, -1.7872, -3.4011

Inverse Universe

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



34.8911, 46.5514, -10.6559



43.0902, 71.8232, -12.8260



55.8131, -7.9967, 30.9238



27.6028, 1.6389, 0.2921



26.6205, 48.5934, -6.0921



4.2633, 7.9768, -2.4828

Previews

White Background



This preview shows how the HunterLab color 42.6593, -8.6809, -25.3535 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 42.6593, -8.6809, -25.3535 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

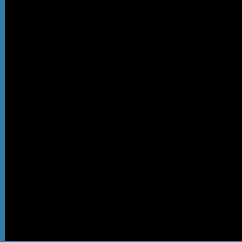
Any Text WCAG AA ✓ Pass

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 42.6593, -8.6809, -25.3535 Background



This preview shows how black text looks on a background with the HunterLab color 42.6593, -8.6809, -25.3535.



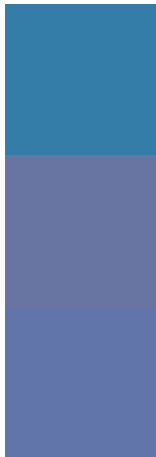
This preview shows how white text looks on a background with the HunterLab color 42.6593, -8.6809, -25.3535.

-25.3535.

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

42.6593, -8.6809, -25.3535

Protanopia

42.4347, 3.0849, -20.9092

Deuteranopia

42.6219, 3.0853, -26.5853



Tritanopia

42.6561, -18.6326, -9.0676

Trichromacy



Original Color

42.6593, -8.6809, -25.3535

Protanomaly

42.1963, -1.7436, -23.3792

Deuteranomaly

42.4299, -1.9513, -26.3406

Tritanomaly

42.5488, -15.1332, -14.8444

Monochromacy



Original Color

42.6593, -8.6809, -25.3535

Achromatopsia

38.7246, -2.0663, 2.1040

Achromatomaly

39.5886, -6.2592, -7.3444

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 42.6593, -8.6809, -25.3535 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(51, 125, 168)` looks like.

```
.text, #text, p{  
    color:rgb(51, 125, 168)  
}
```

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(51, 125, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 125, 168) }
```

Border

The CSS property to change the border of an element to HunterLab 42.6593, -8.6809, -25.3535 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(51, 125, 168) }
```


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

```
.border{ border-color:rgb(51, 125, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 125, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 125, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 125, 168);  
box-shadow:4px 4px 4px 4px rgb(51, 125,  
168) }
```

Background

The CSS property to change the background color of an element to HunterLab 42.6593, -8.6809, -25.3535 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 125, 168) }
```

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

```
.background{ background-color: rgb(51, 125,  
168) }
```

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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