

Converting Colors

HunterLab(50.8788, -25.7092,
21.7351)

Have a look what the booklet for
HunterLab(50.8788, -25.7092,
21.7351) contains.

HunterLab(50.7542, -25.6239, 21.7321)	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(50.7542,
-25.6239, 21.7321)**

Conversions

Conversions Part 1

Format	Color
Hex	649851
RGB	100, 152, 81
RGB Percent	39%, 60%, 32%
CMY	0.6078, 0.4039, 0.6823
CMYK	0.34, 0.00, 0.47, 0.40
HSL	104°, 30%, 46%
HSV	104°, 47%, 60%
XYZ	17.9690, 25.7599, 11.8097
YIQ	128.3580, -8.2010, -33.1050

Conversions

Conversions Part 2

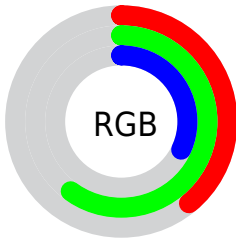
Format	Color
RYB	81, 152, 133
Decimal	6592593
CIELab	57.81, -31.17, 31.88
CIElCh	58, 44.586, 134.362
Yxy	25.7610, 0.3235, 0.4638
Android (android.graphics.Color)	4284782673 (0xFF649851)
YUV	128.3580, -23.3475, -24.8700
Hunter-Lab	50.7542, -25.6239, 21.7321

Details

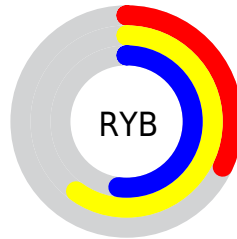
The HunterLab color $50.7542, -25.6239, 21.7321$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $36.2481, 26.6037, -25.7896$, and the grayscale version is $46.6934, -2.4914, 2.5369$.

A 20% lighter version of the original color is $72.8450, -30.4068, 26.5867$, and $31.7335, -20.6879, 16.5035$ is the 20% darker color. If you saturate the color by 10%, you get $49.9658, -29.1616, 24.1984$, and if you desaturate by 10%, it is $51.6662, -21.5888, 18.7031$.

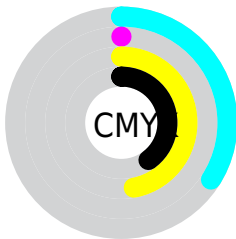
Distribution



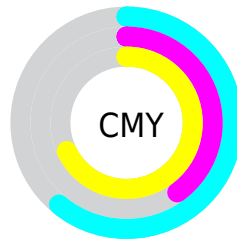
- Red (39%)
- Green (60%)
- Blue (32%)



- Red (32%)
- Yellow (60%)
- Blue (52%)



- Cyan (34%)
- Magenta (0%)
- Yellow (47%)
- Black (40%)



- Cyan (61%)
- Magenta (40%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 50.7542, -25.6239, 21.7321 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 50.7542, -25.6239, 21.7321 by changing the saturation by 10% instead.

■ 50.7542, -25.6239,
21.7321

■ 50.7542, -25.6239,
21.7321

167.8114,
-45.0332, 41.8314

■ 40.7982, -23.1484,
19.1218

■ 72.7249, -30.2783,
26.6058

■ 31.5938, -20.5260,
16.3470

■ 84.6581, -32.4989,
28.9170

■ 23.2095, -17.6992,
13.3536

■ 97.1809, -34.6682,
31.1667

■ 15.7351, -14.5691,
11.0146

■ 110.2666,
-36.7963, 33.3668

■ 9.2982, -15.1061,
6.5087

■ 123.8920,
-38.8912, 35.5267

0.0000, NaN, NaN

138.0366,

0.0000, NaN, NaN

-40.9591, 37.6536

0.0000, NaN, NaN

152.6820,
-43.0051, 39.7535

0.0000, NaN, NaN

■ 50.7542, -25.6239,
21.7321

■ 50.7542, -25.6239,
21.7321

■ 49.9658, -29.1616,
24.1984

■ 51.6662, -21.5888,
18.7031

■ 49.2966, -32.1806,
26.1013

■ 52.6984, -17.0803,
15.1223

■ 48.7448, -34.6749,
27.4570

■ 53.8504, -12.1328,
11.0121

■ 48.3056, -36.6515,
28.3001

■ 55.1199, -6.7842,
6.4017

■ 47.9702, -38.1442,
28.7138

■ 56.5036, -1.0741,
1.3254

■ 47.8772, -38.5602,
28.8266

■ 57.9979, 4.9572,
-4.1796

■ 59.5984, 11.2705,
-10.0750

■ 61.3006, 17.8288,
-16.3229

■ 63.0999, 24.5976,
-22.8867

Harmonies

Analogous

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



50.7553, -11.3826, 26.0835



50.7542, -25.6239, 21.7321



50.7553, -33.0813, 11.1972

Triad

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



50.7553, -25.6249, 21.7325



50.7553, -12.1060, -42.8504



50.7553, 37.3388, 10.5845

Complementary

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



50.7542, -25.6239, 21.7321



36.2481, 26.6037, -25.7896

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.



50.7553, 37.0698, -7.4253



50.7542, -25.6239, 21.7321



50.7553, 6.5851, -43.2060

Square

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



50.7553, -25.6249, 21.7325



50.7553, -26.0877, -27.6977



50.7553, 25.1639, -28.5422



50.7553, 25.8528, 21.4255

Rectangle

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



50.7542, -25.6239, 21.7321



50.7553, -34.0006, 0.0730



50.7553, 25.1639, -28.5422



50.7553, 38.6677, 5.3129

Sweetspot

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



50.7553, -25.6249, 21.7325



71.9393, -14.4337, 13.1963



48.7253, -2.2177, 20.5125



34.1411, -7.5418, 6.8537



87.6224, -4.6753, 4.7607



35.4919, -1.8938, 1.9283

Same Dimension

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



50.7553, -25.6249, 21.7325



66.3450, -38.9069, 32.2579



50.0586, -27.8700, 17.1403



26.4605, -3.9446, 3.6747



43.8548, -35.2430, 26.4061



5.5092, -3.6972, 3.3300

Inverse Universe

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



36.2481, 26.6037, -25.7896



43.5062, 44.0138, -43.8775



37.8895, 29.7060, -12.9435



24.9810, 1.2990, -1.0294



21.8358, 46.0994, -53.3688



2.9779, 6.0540, -5.4730

Previews

White Background



This preview shows how the HunterLab color 50.7542, -25.6239, 21.7321 looks on a white 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

Black Background



This preview shows how the HunterLab color 50.7542, -25.6239, 21.7321 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

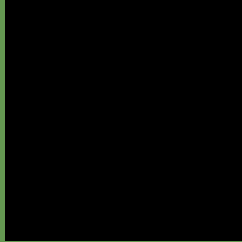
Any Text WCAG AA ✓ Pass

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 50.7542, -25.6239, 21.7321 Background



This preview shows how black text looks on a background with the HunterLab color 50.7542, -25.6239, 21.7321.



This preview shows how white text looks on a background with the HunterLab color 50.7542,

-25.6239, 21.7321.

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

50.7542, -25.6239, 21.7321

Protanopia

50.3728, -5.4385, 22.8964

Deuteranopia

50.3884, 3.4549, 20.7501



Tritanopia

50.7522, -9.4294, -5.1189

Trichromacy



Original Color

50.7542, -25.6239, 21.7321

Protanomaly

50.1812, -13.5785, 22.1676

Deuteranomaly

49.9449, -8.2033, 20.6754

Tritanomaly

50.6104, -16.2152, 6.9776

Monochromacy



Original Color

50.7542, -25.6239, 21.7321

Achromatopsia

46.4608, -2.4790, 2.5243

Achromatomaly

47.8441, -11.7732, 10.6385

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 50.7542, -25.6239, 21.7321 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(100, 152, 81)` looks like.

```
.text, #text, p{  
    color:rgb(100, 152, 81)  
}
```

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(100, 152, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 152, 81) }
```

Border

The CSS property to change the border of an element to HunterLab 50.7542, -25.6239, 21.7321 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(100, 152, 81) }
```


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

```
.border{ border-color:rgb(100, 152, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 152, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 152, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 152, 81);  
box-shadow:4px 4px 4px 4px rgb(100, 152,  
81) }
```

Background

The CSS property to change the background color of an element to HunterLab 50.7542, -25.6239, 21.7321 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 152, 81) }
```

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

```
.background{ background-color: rgb(100,  
152, 81) }
```

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