

Converting Colors

HunterLab(42.6901, -25.5247,
20.2991)

Have a look what the booklet for
HunterLab(42.6901, -25.5247,
20.2991) contains.

HunterLab(42.6901, -25.5247, 20.2991)	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(42.6901,
-25.5247, 20.2991)**

Conversions

Conversions Part 1

Format	Color
Hex	49843A
RGB	73, 132, 58
RGB Percent	29%, 52%, 23%
CMY	0.7137, 0.4823, 0.7725
CMYK	0.45, 0.00, 0.56, 0.48
HSL	108°, 39%, 37%
HSV	108°, 56%, 52%
XYZ	11.7626, 18.2244, 6.9007
YIQ	105.9230, -11.4100, -35.5220

Conversions

Conversions Part 2

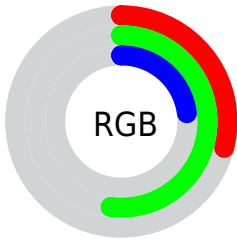
Format	Color
RYB	58, 132, 117
Decimal	4817978
CIELab	49.77, -34.31, 33.65
CIELCh	50, 48.061, 135.557
Yxy	18.2252, 0.3189, 0.4941
Android (android.graphics.Color)	4283008058 (0xFF49843A)
YUV	105.9230, -23.6260, -28.8735
Hunter-Lab	42.6901, -25.5247, 20.2991

Details

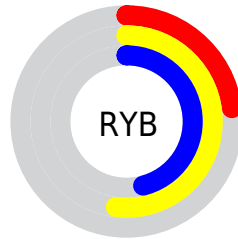
The HunterLab color $42.6901, -25.5247, 20.2991$ is a dark color, and the websafe version is hex 669933 . A complement of this color would be $29.1110, 28.8590, -26.0191$, and the grayscale version is $38.0257, -2.0290, 2.0660$.

A 20% lighter version of the original color is $63.7299, -30.8144, 25.7897$, and $24.8655, -19.7098, 14.3607$ is the 20% darker color. If you saturate the color by 10%, you get $42.1079, -28.1692, 21.9860$, and if you desaturate by 10%, it is $43.3863, -22.4035, 18.1493$.

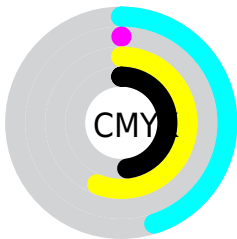
Distribution



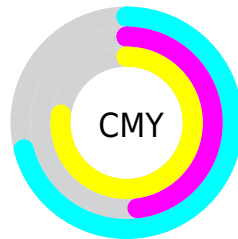
- Red (29%)
- Green (52%)
- Blue (23%)



- Red (23%)
- Yellow (52%)
- Blue (46%)



- Cyan (45%)
- Magenta (0%)
- Yellow (56%)
- Black (48%)



- Cyan (71%)
- Magenta (48%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 42.6901, -25.5247, 20.2991 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 42.6901, -25.5247, 20.2991 by changing the saturation by 10% instead.

■ 42.6901, -25.5247,
20.2991

■ 42.6901, -25.5247,
20.2991

155.6077,
-46.7533, 41.6983

■ 33.3344, -22.7063,
17.4240

■ 63.5773, -30.7285,
25.5885

■ 24.7832, -19.6688,
14.3298

■ 75.0144, -33.1784,
28.0679

■ 17.1221, -16.3136,
11.8812

■ 87.0653, -35.5555,
30.4670

■ 10.4698, -15.0793,
7.3288

■ 99.7003, -37.8744,
32.8014

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 112.8935,
-40.1458, 35.0831

0.0000, NaN, NaN

■ 126.6222,

0.0000, NaN, NaN

-42.3784, 37.3217

0.0000, NaN, NaN

140.8663,
-44.5791, 39.5247

■ 42.6901, -25.5247,
20.2991

■ 42.6901, -25.5247,
20.2991

■ 42.1079, -28.1692,
21.9860

■ 43.3863, -22.4035,
18.1493

■ 41.6343, -30.3272,
23.2181

■ 44.1950, -18.8219,
15.5398

■ 41.2655, -32.0051,
24.0202

■ 45.1167, -14.8075,
12.4851

■ 40.9932, -33.2357,
24.4620

■ 46.1500, -10.3937,
9.0076

■ 40.9059, -33.6338,
24.6172

■ 47.2924, -5.6175,
5.1353

■ 48.5407, -0.5177,
0.9000

■ 49.8911, 4.8669,
-3.6649

■ 51.3395, 10.4988,
-8.5258

■ 52.8813, 16.3429,
-13.6499

Harmonies

Analogous

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



42.6910, -11.7174, 24.1748



42.6901, -25.5247, 20.2991



42.6910, -32.4176, 10.1729

Triad

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



42.6910, -25.5255, 20.2994



42.6910, -11.0854, -47.4459



42.6910, 39.3200, 10.6942

Complementary

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



42.6901, -25.5247, 20.2991



29.1110, 28.8590, -26.0191

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.



42.6910, 39.5709, -7.3733



42.6901, -25.5247, 20.2991



42.6910, 8.0554, -47.0959

Square

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



42.6910, -25.5255, 20.2994



42.6910, -25.1335, -31.0291



42.6910, 27.3318, -30.2159



42.6910, 26.6971, 20.5355

Rectangle

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



42.6901, -25.5247, 20.2991



42.6910, -33.1063, -1.2106



42.6910, 27.3318, -30.2159



42.6910, 40.9195, 5.5796

Sweetspot

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



42.6910, -25.5255, 20.2994



61.0603, -14.5960, 12.5946



42.0653, -3.5060, 20.2166



29.3490, -7.5249, 6.4602



82.0889, -4.3801, 4.4600



30.7619, -1.6414, 1.6714

Same Dimension

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



42.6910, -25.5255, 20.2994



55.7187, -38.1428, 29.6325



42.3874, -26.1421, 15.3227



22.9061, -3.4754, 3.1065



40.2529, -33.0844, 24.2244



2.4226, -1.7236, 1.4626

Inverse Universe

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



29.1110, 28.8590, -26.0191



34.7321, 46.7261, -43.4223



30.1339, 29.6060, -10.5235



21.7174, 1.1832, -0.7955



21.3018, 44.0522, -44.9330



1.3678, 2.7509, -2.2832

Previews

White Background



This preview shows how the HunterLab color 42.6901, -25.5247, 20.2991 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 42.6901, -25.5247, 20.2991 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

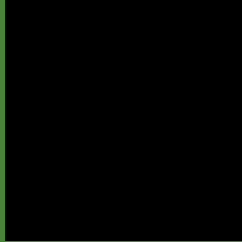
Any Text WCAG AA ✓ Pass

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 42.6901, -25.5247, 20.2991 Background



This preview shows how black text looks on a background with the HunterLab color 42.6901, -25.5247, 20.2991.



This preview shows how white text looks on a background with the HunterLab color 42.6901, -25.5247, 20.2991.

-25.5247, 20.2991.

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

42.6901, -25.5247, 20.2991

Protanopia

42.4835, -5.0010, 21.2199

Deuteranopia

42.2806, 2.8158, 19.5079



Tritanopia

42.6178, -9.9073, -5.2901

Trichromacy



Original Color

42.6901, -25.5247, 20.2991

Protanomaly

42.1388, -13.5790, 20.6424

Deuteranomaly

41.6919, -9.1235, 19.2522

Tritanomaly

42.4419, -16.7785, 6.8102

Monochromacy



Original Color

42.6901, -25.5247, 20.2991

Achromatopsia

37.9643, -2.0257, 2.0627

Achromatomaly

39.1949, -11.4364, 9.6547

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 42.6901, -25.5247, 20.2991 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(73, 132, 58)` looks like.

```
.text, #text, p{  
    color:rgb(73, 132, 58)  
}
```

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(73, 132, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 132, 58) }
```

Border

The CSS property to change the border of an element to HunterLab 42.6901, -25.5247, 20.2991 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(73, 132, 58) }
```


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

```
.border{ border-color:rgb(73, 132, 58) }
```

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

Here you see how a box with a 4 pixel rgb(73, 132, 58) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 132, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 132, 58);  
box-shadow:4px 4px 4px 4px rgb(73, 132,  
58) }
```

Background

The CSS property to change the background color of an element to HunterLab 42.6901, -25.5247, 20.2991 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 132, 58) }
```

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

```
.background{ background-color: rgb(73, 132,  
58) }
```

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