

Converting Colors

HunterLab(23.2505, 25.9886,
-19.9898)

Have a look what the booklet for
HunterLab(23.2505, 25.9886,
-19.9898) contains.

HunterLab(23.2505, 25.9886, -19.9898)	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(23.2505, 25.9886,
-19.9898)**

Conversions

Conversions Part 1

Format	Color
Hex	642A6A
RGB	100, 42, 106
RGB Percent	39%, 16%, 42%
CMY	0.6078, 0.8353, 0.5843
CMYK	0.06, 0.60, 0.00, 0.58
HSL	294°, 43%, 29%
HSV	294°, 60%, 42%
XYZ	8.6850, 5.4059, 14.2213
YIQ	66.6380, 14.0240, 32.2000

Conversions

Conversions Part 2

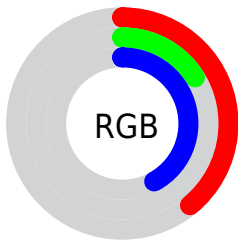
Format	Color
R_{YB}	100, 42, 106
Decimal	6564458
CIE Lab	27.86, 36.15, -25.85
CIE LCh	28, 44.441, 324.430
Yxy	5.4061, 0.3068, 0.1909
Android (android.graphics.Color)	4284754538 (0xFF642A6A)
YUV	66.6380, 19.4055, 29.2585
Hunter-Lab	23.2505, 25.9886, -19.9898

Details

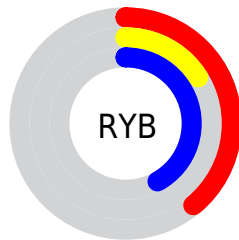
The HunterLab color $[23.2505, 25.9886, -19.9898]$ is a dark color, and the websafe version is hex 663366 . A complement of this color would be $[33.3223, -21.9358, 16.2510]$, and the grayscale version is $[23.4957, -1.2537, 1.2766]$.

A 20% lighter version of the original color is $[40.8939, 29.0458, -21.1923]$, and $[9.9177, 20.0644, -17.4683]$ is the 20% darker color. If you saturate the color by 10%, you get $[21.6675, 30.0340, -23.4351]$, and if you desaturate by 10%, it is $[25.1339, 21.5158, -16.3022]$.

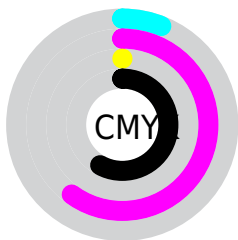
Distribution



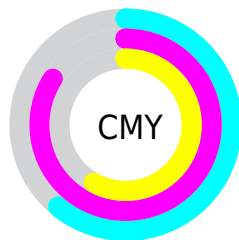
- Red (39%)
- Green (16%)
- Blue (42%)



- Red (39%)
- Yellow (16%)
- Blue (42%)



- Cyan (6%)
- Magenta (60%)
- Yellow (0%)
- Black (58%)



- Cyan (61%)
- Magenta (84%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 23.2505, 25.9886, -19.9898 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 23.2505, 25.9886, -19.9898 by changing the saturation by 10% instead.

23.2505, 25.9886,
-19.9898

23.2505, 25.9886,
-19.9898

123.9646, 35.4367,
-23.2680

15.7716, 24.3696,
-19.5391

40.8483, 28.8639,
-21.0525

9.3292, 22.7468,
-19.4756

50.8092, 30.1095,
-21.5388

0.0000, INF, -NF

61.4694, 31.2378,
-21.9708

0.0000, NaN, -NF

72.7857, 32.2588,
-22.3444

0.0000, NaN, NaN

84.7220, 33.1815,
-22.6594

0.0000, NaN, NaN

97.2478, 34.0141,

0.0000, NaN, NaN

0.0000, NaN, NaN

-22.9168

0.0000, NaN, NaN

110.3364, 34.7638,
-23.1190

■ 23.2505, 25.9886,
-19.9898

■ 23.2505, 25.9886,
-19.9898

■ 21.6675, 30.0340,
-23.4351

■ 25.1339, 21.5158,
-16.3022

■ 20.4136, 33.3950,
-26.4408

■ 27.2804, 16.8300,
-12.5306

■ 19.5053, 35.8200,
-28.8022

■ 29.6553, 12.0785,
-8.7771

■ 18.7905, 37.7172,
-30.7860

■ 32.2266, 7.3522,
-5.1002

■ 34.9670, 2.6999,
-1.5270

■ 37.8535, -1.8568,
1.9350

■ 40.8672, -6.3128,
5.2890

■ 43.9926, -10.6723,
8.5440

■ 47.2169, -14.9434,
11.7109

Harmonies

Analogous

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



23.2510, 11.4181, -38.0176



23.2505, 25.9886, -19.9898



23.2510, 33.4274, -1.4520

Triad

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



23.2510, 25.9878, -19.9889



23.2510, 1.5201, 15.5971



23.2510, -21.5354, -12.5545

Complementary

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



23.2505, 25.9886, -19.9898



33.3223, -21.9358, 16.2510

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.



23.2510, -22.9563, 3.6903



23.2505, 25.9886, -19.9898



23.2510, -11.6648, 14.9252

Square

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



23.2510, 25.9878, -19.9889



23.2510, 17.2531, 14.1562



23.2510, -19.8186, 11.9963



23.2510, -15.3117, -32.1878

Rectangle

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



23.2505, 25.9886, -19.9898



23.2510, 32.2969, 6.9416



23.2510, -19.8186, 11.9963



23.2510, -22.5147, -6.3418

Sweetspot

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



23.2510, 25.9878, -19.9889



43.3585, 8.5742, -5.8568



19.1830, 9.5121, -30.1577



20.6086, 4.8105, -3.3447



74.4461, -3.9723, 4.0448



24.3420, -1.2988, 1.3225

Same Dimension

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



23.2510, 25.9878, -19.9889



28.0519, 41.5215, -32.5679



23.0335, 23.5074, -5.1317



17.7488, 1.0315, -0.5194



20.9147, 41.9916, -34.3494



46.9963, 94.4840, -78.1691

Inverse Universe

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



22.2120, 19.8374, 6.5695



26.4801, 32.3474, 10.6584



33.4857, -20.5378, 10.7035



17.6663, 0.5098, 1.2550



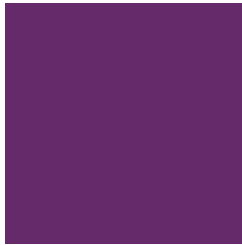
19.5624, 33.6247, 11.6837



44.0888, 75.6432, 27.4051

Previews

White Background



This preview shows how the HunterLab color 23.2505, 25.9886, -19.9898 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 ✓ Pass

Black Background



This preview shows how the HunterLab color 23.2505, 25.9886, -19.9898 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

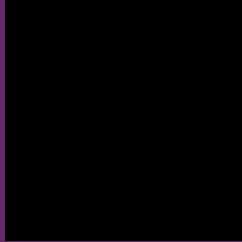
Any Text WCAG AA × Fail

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 23.2505, 25.9886, -19.9898 Background



This preview shows how black text looks on a background with the HunterLab color 23.2505, 25.9886, -19.9898.



This preview shows how white text looks on a background with the HunterLab color 23.2505, 25.9886, -19.9898.

-19.9898.

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

23.2505, 25.9886, -19.9898

Protanopia

23.6732, 5.9704, -35.5956

Deuteranopia

23.4706, 1.6155, -17.2637



Tritanopia

23.2977, 11.1118, 4.0206

Trichromacy



Original Color

23.2505, 25.9886, -19.9898

Protanomaly

22.5808, 11.2634, -31.7141

Deuteranomaly

22.6594, 9.9368, -19.4393

Tritanomaly

22.9996, 16.1654, -3.1709

Monochromacy



Original Color

23.2505, 25.9886, -19.9898

Achromatopsia

23.6915, -1.2641, 1.2872

Achromatomaly

22.9836, 8.1068, -5.7773

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 23.2505, 25.9886, -19.9898 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, 42, 106)` looks like.

```
.text, #text, p{  
    color:rgb(100, 42, 106)  
}
```

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, 42, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 42, 106) }
```

Border

The CSS property to change the border of an element to HunterLab 23.2505, 25.9886, -19.9898 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, 42, 106) }
```


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

```
.border{ border-color:rgb(100, 42, 106) }
```

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

Here you see how a box with a 4 pixel rgb(100, 42, 106) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 42, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 42, 106);  
box-shadow:4px 4px 4px 4px rgb(100, 42,  
106) }
```

Background

The CSS property to change the background color of an element to HunterLab 23.2505, 25.9886, -19.9898 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 42, 106) }
```

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

```
.background{ background-color: rgb(100, 42,  
106) }
```

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