

Converting Colors

HunterLab(28.6171, 25.4115,
-39.8821)

Have a look what the booklet for
HunterLab(28.6171, 25.4115,
-39.8821) contains.

HunterLab(28.6008, 25.4966, -40.0098)	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(28.6008, 25.4966,
-40.0098)**

Conversions

Conversions Part 1

Format	Color
Hex	623E94
RGB	98, 62, 148
RGB Percent	38%, 24%, 58%
CMY	0.6157, 0.7569, 0.4196
CMYK	0.34, 0.58, 0.00, 0.42
HSL	265°, 41%, 41%
HSV	265°, 58%, 58%
XYZ	12.1049, 8.1801, 28.9579
YIQ	82.5680, -6.1500, 34.3780

Conversions

Conversions Part 2

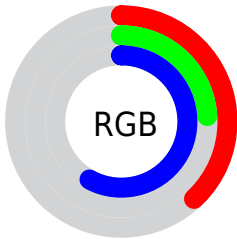
Format	Color
R_{YB}	98, 62, 148
Decimal	6438548
CIE _{Lab}	34.36, 34.51, -41.80
CIE _{LCh}	34, 54.205, 309.548
Y _{xy}	8.1804, 0.2458, 0.1661
Android (android.graphics.Color)	4284628628 (0xFF623E94)
YUV	82.5680, 32.2580, 13.5339
Hunter-Lab	28.6008, 25.4966, -40.0098

Details

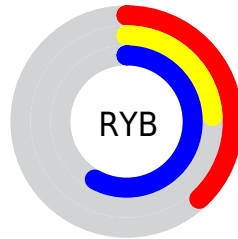
The HunterLab color $[28.6008, 25.4966, -40.0098]$ is a dark color, and the websafe version is hex 663399 . A complement of this color would be $[49.9725, -22.6508, 24.9889]$, and the grayscale version is $[29.1426, -1.5550, 1.5834]$.

A 20% lighter version of the original color is $[47.2822, 28.2956, -41.2182]$, and $[13.4703, 22.4049, -41.0855]$ is the 20% darker color. If you saturate the color by 10%, you get $[25.1613, 30.6561, -49.9787]$, and if you desaturate by 10%, it is $[32.4340, 20.2980, -30.8749]$.

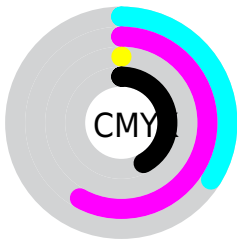
Distribution



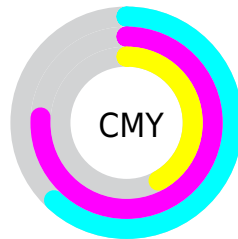
- Red (38%)
- Green (24%)
- Blue (58%)



- Red (38%)
- Yellow (24%)
- Blue (58%)



- Cyan (34%)
- Magenta (58%)
- Yellow (0%)
- Black (42%)














- Cyan (62%)
- Magenta (76%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 28.6008, 25.4966, -40.0098 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 28.6008, 25.4966, -40.0098 by changing the saturation by 10% instead.

 28.6008, 25.4966, -40.0098	 28.6008, 25.4966, -40.0098
133.0939, 33.7843, -45.4091	 20.5197, 24.0103, -39.9685
 47.2348, 28.0710, -41.0588	 13.3867, 22.4153, -40.9131
 57.6551, 29.1728, -41.7336	 6.9441, 23.5620, -47.9719
 68.7458, 30.1650, -42.4208	0.0000, INF, -NF
 80.4685, 31.0574, -43.0926	0.0000, NaN, -NF
 92.7909, 31.8586, -43.7340	0.0000, NaN, NaN
 105.6849, 32.5760,	0.0000, NaN, NaN

-44.3364

0.0000, NaN, NaN

119.1264, 33.2160,
-44.8955

■ 28.6008, 25.4966,
-40.0098

■ 28.6008, 25.4966,
-40.0098

■ 25.1613, 30.6561,
-49.9787

■ 32.4340, 20.2980,
-30.8749

■ 22.2107, 35.4577,
-60.4834

■ 36.5825, 15.2029,
-22.6000

■ 19.8568, 39.3394,
-70.7316

■ 40.9885, 10.2570,
-15.0905

■ 18.0971, 41.9427,
-79.9047

■ 45.6086, 5.4606,
-8.2222

■ 17.7787, 42.4726,
-81.7353

■ 50.4102, 0.7963,
-1.8760

■ 55.3684, -3.7584,
4.0503

■ 60.4639, -8.2253,
9.6404

■ 65.6819, -12.6238,
14.9612

■ 71.0100, -16.9703,
20.0659

Harmonies

Analogous

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



28.6013, 4.7560, -57.8550



28.6008, 25.4966, -40.0098



28.6013, 41.1282, -13.3555

Triad

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



28.6013, 25.4965, -40.0088



28.6013, 12.3165, 18.7969



28.6013, -29.2746, -4.7942

Complementary

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



28.6008, 25.4966, -40.0098



49.9725, -22.6508, 24.9889

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.



28.6013, -28.2422, 11.1966



28.6008, 25.4966, -40.0098



28.6013, -7.3116, 19.1833

Square

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



28.6013, 25.4965, -40.0088



28.6013, 32.2504, 15.9833



28.6013, -21.1900, 17.4460



28.6013, -24.5090, -30.3771

Rectangle

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



28.6008, 25.4966, -40.0098



28.6013, 44.6607, 1.2826



28.6013, -21.1900, 17.4460



28.6013, -29.5587, 1.8284

Sweetspot

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



28.6013, 25.4965, -40.0088



61.0645, 6.7719, -10.2518



38.4548, -6.2804, -19.6115



28.6410, 3.7719, -5.6463



86.5109, -4.6160, 4.7003



34.5370, -1.8428, 1.8765

Same Dimension

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



28.6013, 25.4965, -40.0088



32.0539, 42.9019, -70.9363



33.5138, 37.3515, -28.2609



23.9676, 0.6253, -1.2248



16.4779, 39.3019, -75.2661



2.2340, 4.8263, -6.3126

Inverse Universe

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



33.0321, 33.3032, -6.5774



39.7837, 53.3982, -8.8253



47.7485, -31.5007, 23.2116



24.2250, 1.3277, 0.4206



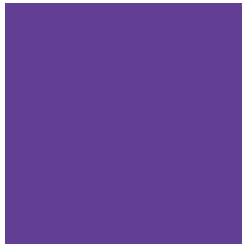
24.4085, 44.1765, -2.6480



2.8074, 5.2707, -1.7741

Previews

White Background



This preview shows how the HunterLab color 28.6008, 25.4966, -40.0098 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 28.6008, 25.4966, -40.0098 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 28.6008, 25.4966, -40.0098 Background



This preview shows how black text looks on a background with the HunterLab color 28.6008, 25.4966, -40.0098.



This preview shows how white text looks on a background with the HunterLab color 28.6008, 25.4966, -40.0098.

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

28.6008, 25.4966, -40.0098

Protanopia

28.7380, 9.9393, -55.5592

Deuteranopia

28.7096, 2.1590, -36.7620



Tritanopia

28.5992, 1.0188, -0.1767

Trichromacy



Original Color

28.6008, 25.4966, -40.0098

Protanomaly

27.7413, 13.5936, -52.7714

Deuteranomaly

27.8932, 8.7314, -39.6004

Tritanomaly

28.3222, 9.0856, -12.0889

Monochromacy



Original Color

28.6008, 25.4966, -40.0098

Achromatopsia

29.4110, -1.5693, 1.5980

Achromatomaly

28.5804, 7.4084, -11.1153

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 28.6008, 25.4966, -40.0098 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(98, 62, 148)` looks like.

```
.text, #text, p{  
    color:rgb(98, 62, 148)  
}
```

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(98, 62, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 62, 148) }
```

Border

The CSS property to change the border of an element to HunterLab 28.6008, 25.4966, -40.0098 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(98, 62, 148) }
```


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

```
.border{ border-color:rgb(98, 62, 148) }
```

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

Here you see how a box with a 4 pixel rgb(98, 62, 148) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 62, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 62, 148);  
box-shadow:4px 4px 4px 4px rgb(98, 62,  
148) }
```

Background

The CSS property to change the background color of an element to HunterLab 28.6008, 25.4966, -40.0098 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 62, 148) }
```

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

```
.background{ background-color: rgb(98, 62,  
148) }
```

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