

Converting Colors

HunterLab(28.7695, -8.2246,
2.3392)

Have a look what the booklet for
HunterLab(28.7695, -8.2246, 2.3392)
contains.

HunterLab(28.7695, -8.2246, 2.3392)	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(28.7695, -8.2246,
2.3392)**

Conversions

Conversions Part 1

Format	Color
Hex	3F564F
RGB	63, 86, 79
RGB Percent	25%, 34%, 31%
CMY	0.7529, 0.6627, 0.6902
CMYK	0.27, 0.00, 0.08, 0.66
HSL	162°, 15%, 29%
HSV	162°, 27%, 34%
XYZ	6.7890, 8.2768, 8.6369
YIQ	78.3250, -11.4610, -7.0530

Conversions

Conversions Part 2

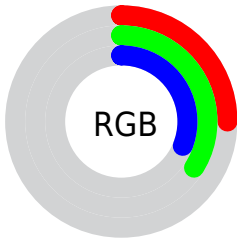
Format	Color
RYB	63, 77, 86
Decimal	4150863
CIELab	34.55, -10.45, 1.23
CIElCh	35, 10.517, 173.299
Yxy	8.2772, 0.2864, 0.3492
Android (android.graphics.Color)	4282340943 (0xFF3F564F)
YUV	78.3250, 0.3328, -13.4400
Hunter-Lab	28.7695, -8.2246, 2.3392

Details

The HunterLab color **28.7695, -8.2246, 2.3392** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **24.4456, 6.2968, 1.1191**, and the grayscale version is **27.7210, -1.4791, 1.5061**.

A 20% lighter version of the original color is **47.4830, -10.7073, 3.5712**, and **13.5856, -5.8418, 1.3295** is the 20% darker color. If you saturate the color by 10%, you get **28.2461, -10.3214, 2.7253**, and if you desaturate by 10%, it is **29.3627, -5.9173, 2.0241**.

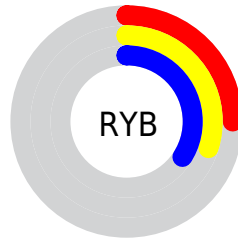
Distribution



Red (25%)

Green (34%)

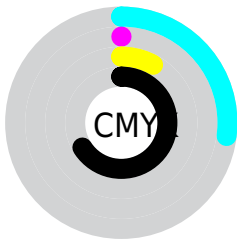
Blue (31%)



Red (25%)

Yellow (30%)

Blue (34%)

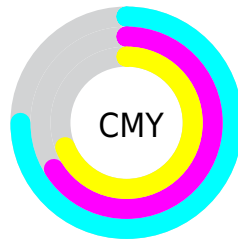


Cyan (27%)

Magenta (0%)

Yellow (8%)

Black (66%)



Cyan (75%)

Magenta (66%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 28.7695, -8.2246, 2.3392 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 28.7695, -8.2246, 2.3392 by changing the saturation by 10% instead.

■ 28.7695, -8.2246,
2.3392

■ 28.7695, -8.2246,
2.3392

■ 133.3755,
-18.6276, 8.5616

■ 20.6708, -7.0229,
1.8156

■ 47.4342, -10.5446,
3.4995

■ 13.5178, -5.7577,
1.3316

■ 57.8683, -11.6877,
4.1316

■ 7.1001, -6.7899,
1.1030

■ 68.9718, -12.8294,
4.7961

0.0000, NaN, NaN

■ 80.7067, -13.9739,
5.4918

0.0000, NaN, NaN

■ 93.0406, -15.1240,
6.2172

0.0000, NaN, NaN

■ 105.9457,

0.0000, NaN, NaN

-16.2820, 6.9713

0.0000, NaN, NaN

119.3978,
-17.4495, 7.7531

■ 28.7695, -8.2246,
2.3392

■ 28.7695, -8.2246,
2.3392

■ 28.2461, -10.3214,
2.7253

■ 29.3627, -5.9173,
2.0241

■ 27.7909, -12.1914,
3.1780

■ 30.0232, -3.4153,
1.7807

■ 27.4039, -13.8241,
3.6930

■ 30.7500, -0.7382,
1.6097

■ 27.0835, -15.2133,
4.2639

■ 31.5414, 2.0947,
1.5105

■ 26.8270, -16.3588,
4.8831

■ 32.3951, 5.0640,
1.4814

■ 26.6307, -17.2674,
5.5415

■ 33.3087, 8.1513,
1.5200

■ 26.4714, -18.0270,
6.2098

■ 34.2796, 11.3394,
1.6231

■ 26.4202, -18.2721,
6.4213

■ 35.3051, 14.6126,
1.7875

■ 36.3825, 17.9568,
2.0095

Harmonies

Analogous

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



28.7701, -6.9869, 5.3014



28.7695, -8.2246, 2.3392



28.7701, -7.7446, -1.2222

Triad

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



28.7701, -8.2251, 2.3396



28.7701, 1.3126, -5.3188



28.7701, 2.8104, 6.4519

Complementary

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



28.7695, -8.2246, 2.3392



24.4456, 6.2968, 1.1191

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.



28.7701, 5.2468, 4.1004



28.7695, -8.2246, 2.3392



28.7701, 4.3522, -2.7489

Square

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



28.7701, -8.2251, 2.3396



28.7701, -2.3568, -5.9437



28.7701, 5.8248, 0.7704



28.7701, -0.7072, 7.4752

Rectangle

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



28.7695, -8.2246, 2.3392



28.7701, -6.5019, -3.4370



28.7701, 5.8248, 0.7704



28.7701, 3.7900, 5.8059

Sweetspot

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



28.7701, -8.2251, 2.3396



39.5520, -5.0355, 2.3970



28.8573, -8.6144, 7.9687



19.4903, -2.6598, 1.1990



69.0652, -3.6851, 3.7524



19.9203, -1.0629, 1.0823

Same Dimension

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



28.7701, -8.2251, 2.3396



37.5847, -12.6639, 3.4056



27.8045, -5.4471, -1.7369



15.3373, -2.0229, 0.9364



33.2226, -23.1029, 8.3471



78.6378, -55.3961, 21.2939

Inverse Universe

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



24.4456, 6.2968, 1.1191



30.5932, 10.8876, 1.4738



25.2540, 3.5529, 4.5827



14.5901, 0.4743, 0.7190



17.9988, 31.4212, 6.9974



42.4904, 73.8492, 19.0606

Previews

White Background



This preview shows how the HunterLab color 28.7695, -8.2246, 2.3392 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 28.7695, -8.2246, 2.3392 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

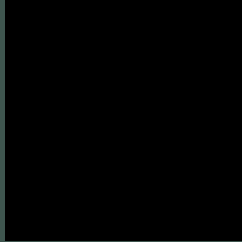
Any Text WCAG AA × Fail

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 28.7695, -8.2246, 2.3392 Background



This preview shows how black text looks on a background with the HunterLab color 28.7695, -8.2246, 2.3392.



This preview shows how white text looks on a background with the HunterLab color 28.7695, -8.2246,

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

28.7695, -8.2246, 2.3392

Protanopia

28.7949, -1.3998, 3.6401

Deuteranopia

28.5775, 2.0165, 1.4938



Tritanopia

28.6702, -5.1053, -2.8911

Trichromacy



Original Color

28.7695, -8.2246, 2.3392

Protanomaly

28.7382, -4.2460, 3.1486

Deuteranomaly

28.5824, -1.9402, 1.8352

Tritanomaly

28.7665, -6.3894, -0.9705

Monochromacy



Original Color

28.7695, -8.2246, 2.3392

Achromatopsia

27.6017, -1.4728, 1.4997

Achromatomaly

28.0203, -4.0274, 1.9442

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 28.7695, -8.2246, 2.3392 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(63, 86, 79)` looks like.

```
.text, #text, p{  
    color:rgb(63, 86, 79)  
}
```

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(63, 86, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 86, 79) }
```

Border

The CSS property to change the border of an element to HunterLab 28.7695, -8.2246, 2.3392 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(63, 86, 79) }
```


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

```
.border{ border-color:rgb(63, 86, 79) }
```

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

Here you see how a box with a 4 pixel rgb(63, 86, 79) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 86, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 86, 79);  
box-shadow:4px 4px 4px 4px rgb(63, 86, 79)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 28.7695, -8.2246, 2.3392 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 86, 79) }
```

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

```
.background{ background-color: rgb(63, 86,  
79) }
```

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