

Converting Colors

HunterLab(37.5227, 2.2315,
-27.2426)

Have a look what the booklet for
HunterLab(37.5227, 2.2315,
-27.2426) contains.

HunterLab(37.6825, 2.0867, -26.9327)	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(37.6825, 2.0867,
-26.9327)**

Conversions

Conversions Part 1

Format	Color
Hex	4F699D
RGB	79, 105, 157
RGB Percent	31%, 41%, 62%
CMY	0.6902, 0.5882, 0.3843
CMYK	0.50, 0.33, 0.00, 0.38
HSL	220°, 33%, 46%
HSV	220°, 50%, 62%
XYZ	14.3618, 14.1997, 33.8821
YIQ	103.1540, -32.1880, 10.6600

Conversions

Conversions Part 2

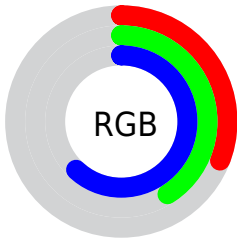
Format	Color
R_{YB}	79, 99, 157
Decimal	5204381
CIE Lab	44.52, 5.46, -31.19
CIE LCh	45, 31.662, 279.931
Yxy	14.2002, 0.2300, 0.2274
Android (android.graphics.Color)	4283394461 (0xFF4F699D)
YUV	103.1540, 26.5461, -21.1831
Hunter-Lab	37.6825, 2.0867, -26.9327

Details

The HunterLab color $37.6825, 2.0867, -26.9327$ is a dark color, and the websafe version is hex 336699 . A complement of this color would be $48.9550, -0.2307, 21.2023$, and the grayscale version is $36.7990, -1.9635, 1.9994$.

A 20% lighter version of the original color is $57.8238, 1.5667, -28.2085$, and $20.5626, 2.3518, -25.8237$ is the 20% darker color. If you saturate the color by 10%, you get $34.0616, 4.3555, -34.4599$, and if you desaturate by 10%, it is $41.4969, 0.3286, -20.0000$.

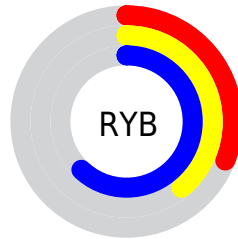
Distribution



Red (31%)

Green (41%)

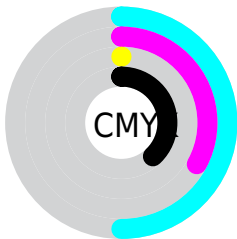
Blue (62%)



Red (31%)

Yellow (39%)

Blue (62%)

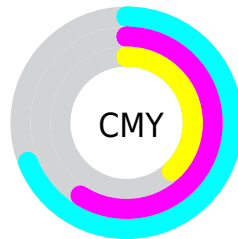


Cyan (50%)

Magenta (33%)

Yellow (0%)

Black (38%)



Cyan (69%)

Magenta (59%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.6825, 2.0867, -26.9327 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 37.6825, 2.0867, -26.9327 by changing the saturation by 10% instead.

■ 37.6825, 2.0867,
-26.9327

■ 37.6825, 2.0867,
-26.9327

■ 147.8083, -1.5095,
-30.6556

■ 28.7403, 2.2258,
-26.3534

■ 57.8307, 1.6154,
-28.0889

■ 20.6441, 2.2862,
-25.8790

■ 68.9319, 1.2974,
-28.6119

■ 13.4947, 2.2503,
-25.7511

■ 80.6647, 0.9313,
-29.0845

■ 7.0728, 2.9863,
-28.6989

■ 92.9965, 0.5209,
-29.5039

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 105.8997, 0.0692,
-29.8697

0.0000, NaN, NaN

119.3499, -0.4212,

0.0000, NaN, NaN

-30.1827

0.0000, NaN, NaN

133.3258, -0.9481,
-30.4441

■ 37.6825, 2.0867,
-26.9327

■ 37.6825, 2.0867,
-26.9327

■ 34.0616, 4.3555,
-34.4599

■ 41.4969, 0.3286,
-20.0000

■ 30.6664, 7.2284,
-42.6491

■ 45.4758, -1.0040,
-13.5840

■ 27.5396, 10.7927,
-51.5156

■ 49.5980, -1.9833,
-7.6045

■ 24.7309, 15.0973,
-60.9703

■ 53.8465, -2.6689,
-1.9899

■ 22.2566, 19.9998,
-70.9110

■ 58.2074, -3.1090,
3.3209

■ 22.1812, 20.1597,
-71.2435

■ 62.6692, -3.3424,
8.3795

■ 67.2228, -3.4006,
13.2286

■ 71.8604, -3.3090,
17.9035

■ 76.5754, -3.0882,
22.4333

Harmonies

Analogous

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



37.6832, -9.6731, -25.2412



37.6825, 2.0867, -26.9327



37.6832, 14.1240, -19.1880

Triad

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



37.6832, 2.0867, -26.9318



37.6832, 17.5517, 13.6767



37.6832, -21.4807, 8.8866

Complementary

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



37.6825, 2.0867, -26.9327



48.9550, -0.2307, 21.2023

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.



37.6832, -15.8212, 15.3878



37.6825, 2.0867, -26.9327



37.6832, 6.3132, 17.4866

Square

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



37.6832, 2.0867, -26.9318



37.6832, 23.7690, 5.6740



37.6832, -5.9441, 17.9944



37.6832, -22.3113, -1.9713

Rectangle

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



37.6825, 2.0867, -26.9327



37.6832, 20.3244, -10.8171



37.6832, -5.9441, 17.9944



37.6832, -20.1173, 11.5455

Sweetspot

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



37.6832, 2.0867, -26.9318



68.8509, -3.1013, -6.8226



52.3596, -25.5653, 7.5007



31.7796, -1.3659, -3.8935



88.7363, -4.7347, 4.8212



36.4511, -1.9449, 1.9805

Same Dimension

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



37.6832, 2.0867, -26.9318



44.8918, 6.3423, -47.6759



32.0971, 17.7724, -38.8339



26.0356, -1.2974, -0.8466



20.1453, 17.7624, -63.5238



3.8218, 0.0251, -4.8310

Inverse Universe

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



37.1222, 27.6028, 2.0117



44.9743, 46.0255, 4.0744



55.3246, -16.2536, 25.8782



25.8473, 1.1733, 1.1756



24.5599, 42.9151, 9.2389



3.3952, 6.1435, -0.3578

Previews

White Background



This preview shows how the HunterLab color 37.6825, 2.0867, -26.9327 looks on a white background.

Color Contrast Check

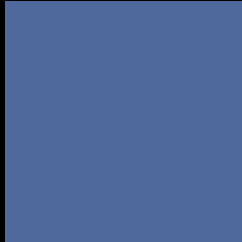
Large Text (above 18pt) WCAG AA ✓ Pass

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 37.6825, 2.0867, -26.9327 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

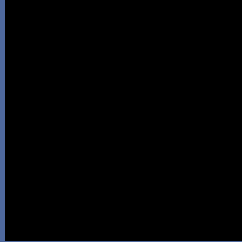
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

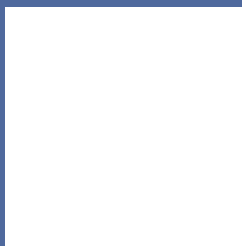
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 37.6825, 2.0867, -26.9327 Background



This preview shows how black text looks on a background with the HunterLab color 37.6825, 2.0867, -26.9327.

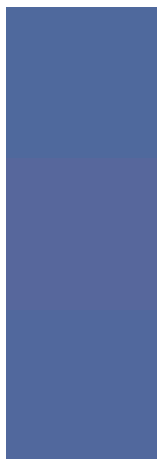


This preview shows how white text looks on a background with the HunterLab color 37.6825, 2.0867, -26.9327.

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

37.6825, 2.0867, -26.9327

Protanopia

37.5859, 4.4235, -26.3770

Deuteranopia

37.5290, 2.9553, -27.2174



Tritanopia

37.6799, -10.8489, -5.4353

Trichromacy



Original Color

37.6825, 2.0867, -26.9327

Protanomaly

37.6640, 3.3157, -26.2456

Deuteranomaly

37.4706, 2.7595, -27.3355

Tritanomaly

37.4650, -6.2739, -12.7172

Monochromacy



Original Color

37.6825, 2.0867, -26.9327

Achromatopsia

36.8284, -1.9651, 2.0010

Achromatomaly

37.0275, -1.4461, -7.2146

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.6825, 2.0867, -26.9327 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(79, 105, 157)` looks like.

```
.text, #text, p{  
    color:rgb(79, 105, 157)  
}
```

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(79, 105, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 105, 157) }
```

Border

The CSS property to change the border of an element to HunterLab 37.6825, 2.0867, -26.9327 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(79, 105, 157) }
```


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

```
.border{ border-color:rgb(79, 105, 157) }
```

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

Here you see how a box with a 4 pixel rgb(79, 105, 157) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 105, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 105, 157);  
box-shadow:4px 4px 4px 4px rgb(79, 105,  
157) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.6825, 2.0867, -26.9327 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 105, 157) }
```

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

```
.background{ background-color: rgb(79, 105,  
157) }
```

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](#).

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