

Converting Colors

HunterLab(36.7162, 1.8441,
-18.8531)

Have a look what the booklet for
HunterLab(36.7162, 1.8441,
-18.8531) contains.

HunterLab(36.7178, 1.6855, -18.6685)	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(36.7178, 1.6855,
-18.6685)**

Conversions

Conversions Part 1

Format	Color
Hex	57668E
RGB	87, 102, 142
RGB Percent	34%, 40%, 56%
CMY	0.6588, 0.6000, 0.4431
CMYK	0.39, 0.28, 0.00, 0.44
HSL	224°, 24%, 45%
HSV	224°, 39%, 56%
XYZ	13.5643, 13.4820, 27.4786
YIQ	102.0750, -21.7800, 9.2600

Conversions

Conversions Part 2

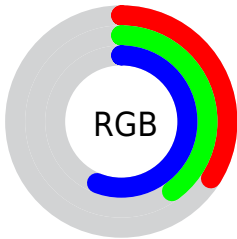
Format	Color
R_{YB}	87, 99, 142
Decimal	5727886
CIE Lab	43.48, 4.91, -23.83
CIE LCh	43, 24.335, 281.635
Yxy	13.4825, 0.2488, 0.2473
Android (android.graphics.Color)	4283917966 (0xFF57668E)
YUV	102.0750, 19.6830, -13.2208
Hunter-Lab	36.7178, 1.6855, -18.6685

Details

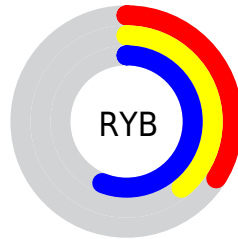
The HunterLab color $36.7178, 1.6855, -18.6685$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $46.4952, -2.7979, 17.1024$, and the grayscale version is $36.4141, -1.9430, 1.9784$.

A 20% lighter version of the original color is $56.7952, 1.1881, -19.5008$, and $19.7918, 2.3173, -18.0958$ is the 20% darker color. If you saturate the color by 10%, you get $33.1056, 3.6090, -25.3699$, and if you desaturate by 10%, it is $40.4877, 0.1389, -12.5252$.

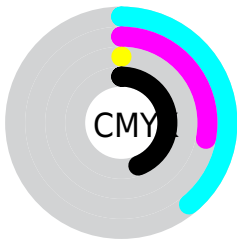
Distribution



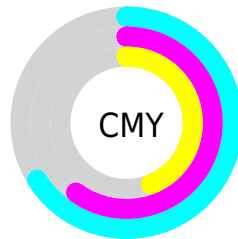
- Red (34%)
- Green (40%)
- Blue (56%)



- Red (34%)
- Yellow (39%)
- Blue (56%)



- Cyan (39%)
- Magenta (28%)
- Yellow (0%)
- Black (44%)



- Cyan (66%)
- Magenta (60%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.7178, 1.6855, -18.6685 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 36.7178, 1.6855, -18.6685 by changing the saturation by 10% instead.

■ 36.7178, 1.6855,
-18.6685

■ 36.7178, 1.6855,
-18.6685

■ 146.2830, -2.0985,
-20.7358

■ 27.8597, 1.8506,
-18.1616

■ 56.7168, 1.1657,
-19.5336

■ 19.8565, 1.9390,
-17.6495

■ 67.7505, 0.8254,
-19.8767

■ 12.8125, 1.9328,
-17.2472

■ 79.4193, 0.4379,
-20.1590

■ 6.2082, 3.1132,
-20.2670

■ 91.6903, 0.0070,
-20.3823

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 104.5354, -0.4645,
-20.5490

0.0000, NaN, NaN

117.9300, -0.9739,

0.0000, NaN, NaN

-20.6619

0.0000, NaN, NaN

131.8522, -1.5192,
-20.7233

■ 36.7178, 1.6855,
-18.6685

■ 36.7178, 1.6855,
-18.6685

■ 33.1056, 3.6090,
-25.3699

■ 40.4877, 0.1389,
-12.5252

■ 29.6771, 5.9928,
-32.7356

■ 44.3915, -1.0994,
-6.8458

■ 26.4697, 8.9287,
-40.8559

■ 48.4129, -2.0854,
-1.5459

■ 23.5305, 12.5013,
-49.7646

■ 52.5386, -2.8636,
3.4438

■ 20.9183, 16.7470,
-59.3523

■ 56.7577, -3.4693,
8.1799

■ 18.6676, 21.5021,
-69.4014

■ 61.0617, -3.9305,
12.7082

■ 18.4017, 22.1097,
-70.7291

■ 65.4432, -4.2696,
17.0658

■ 69.8962, -4.5048,
21.2827

■ 74.4157, -4.6506,
25.3835

Harmonies

Analogous

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



36.7185, -7.3846, -17.8936



36.7178, 1.6855, -18.6685



36.7185, 10.5829, -12.9819

Triad

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



36.7185, 1.6853, -18.6677



36.7185, 12.2593, 11.5352



36.7185, -17.3254, 6.9276

Complementary

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



36.7178, 1.6855, -18.6685



46.4952, -2.7979, 17.1024

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.



36.7185, -13.0189, 12.5059



36.7178, 1.6855, -18.6685



36.7185, 3.7965, 14.6777

Square

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



36.7185, 1.6853, -18.6677



36.7185, 17.0782, 5.2416



36.7185, -5.4706, 14.9826



36.7185, -17.7702, -1.5700

Rectangle

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



36.7178, 1.6855, -18.6685



36.7185, 14.9878, -6.9557



36.7185, -5.4706, 14.9826



36.7185, -16.3028, 9.1456

Sweetspot

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



36.7185, 1.6853, -18.6677



62.3934, -2.3429, -4.4777



47.8432, -18.8195, 4.5145



29.2103, -1.0411, -2.4779



84.2951, -4.4978, 4.5799



32.6403, -1.7416, 1.7734

Same Dimension

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



36.7185, 1.6853, -18.6677



44.7967, 4.2979, -32.0496



33.7903, 11.7995, -23.8759



23.4083, -0.9929, -0.8633



17.5154, 20.7204, -66.6222



2.4911, 0.2664, -3.6888

Inverse Universe

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



36.7790, 17.9596, 2.7124



45.2786, 29.8479, 4.2374



49.7864, -13.2244, 19.7080



23.3383, 0.9607, 1.2220



23.0131, 39.9872, 10.4011



2.3224, 4.1741, -0.0254

Previews

White Background



This preview shows how the HunterLab color 36.7178, 1.6855, -18.6685 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 36.7178, 1.6855, -18.6685 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

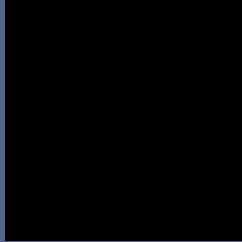
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

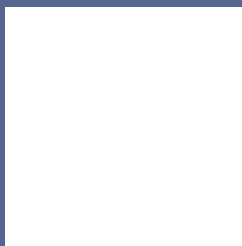
Any Text WCAG AAA × Fail

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

HunterLab 36.7178, 1.6855, -18.6685 Background



This preview shows how black text looks on a background with the HunterLab color 36.7178, 1.6855, -18.6685.



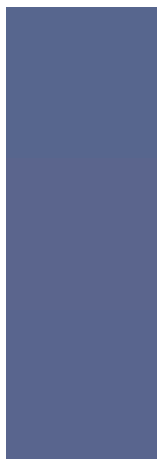
This preview shows how white text looks on a background with the HunterLab color 36.7178, 1.6855, -18.6685.

-18.6685.

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

36.7178, 1.6855, -18.6685

Protanopia

36.6805, 2.8468, -18.0797

Deuteranopia

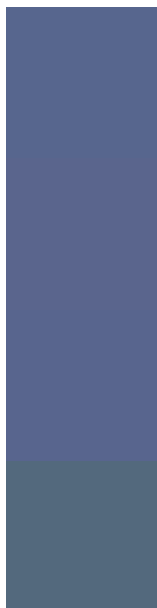
36.5844, 2.6065, -18.8852



Tritanopia

36.7176, -7.2879, -4.1830

Trichromacy



Original Color

36.7178, 1.6855, -18.6685

Protanomaly

36.6116, 2.6160, -18.2028

Deuteranomaly

36.5172, 2.3809, -19.0069

Tritanomaly

36.6372, -4.0882, -8.8943

Monochromacy



Original Color

36.7178, 1.6855, -18.6685

Achromatopsia

36.4511, -1.9449, 1.9805

Achromatomaly

36.5082, -0.8562, -4.8504

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.7178, 1.6855, -18.6685 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(87, 102, 142)` looks like.

```
.text, #text, p{  
    color:rgb(87, 102, 142)  
}
```

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(87, 102, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 102, 142) }
```

Border

The CSS property to change the border of an element to HunterLab 36.7178, 1.6855, -18.6685 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(87, 102, 142) }
```


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

```
.border{ border-color:rgb(87, 102, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 102, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 102, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 102, 142);  
box-shadow:4px 4px 4px 4px rgb(87, 102,  
142) }
```

Background

The CSS property to change the background color of an element to HunterLab 36.7178, 1.6855, -18.6685 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 102, 142) }
```

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

```
.background{ background-color: rgb(87, 102,  
142) }
```

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