

Converting Colors

HunterLab(37.0132, 16.5517,
-25.8623)

Have a look what the booklet for
HunterLab(37.0132, 16.5517,
-25.8623) contains.

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Color

**HunterLab(37.0140, 16.5440,
-25.8732)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 745C9A |
| RGB | 116, 92, 154 |
| RGB Percent | 45%, 36%, 60% |
| CMY | 0.5451, 0.6392, 0.3961 |
| CMYK | 0.25, 0.40, 0.00, 0.40 |
| HSL | 263°, 25%, 48% |
| HSV | 263°, 40%, 60% |
| XYZ | 16.8623, 13.7004, 32.3275 |
| YIQ | 106.2440, -5.5980, 24.3700 |

Conversions

Conversions Part 2

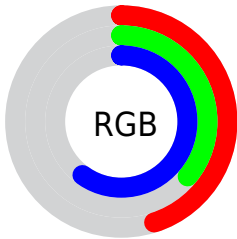
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 116, 92, 154 |
| Decimal | 7625882 |
| CIE _{Lab} | 43.80, 23.19, -30.32 |
| CIE _{LCh} | 44, 38.172, 307.411 |
| Yxy | 13.7009, 0.2681, 0.2178 |
| Android (android.graphics.Color) | 4285815962 (0xFF745C9A) |
| YUV | 106.2440, 23.5437, 8.5560 |
| Hunter-Lab | 37.0140, 16.5440, -25.8732 |

Details

The HunterLab color $37.0140, 16.5440, -25.8732$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $53.5070, -17.9312, 21.4367$, and the grayscale version is $37.9726, -2.0261, 2.0631$.

A 20% lighter version of the original color is $57.1694, 17.6433, -27.0228$, and $20.1781, 14.4222, -24.2499$ is the 20% darker color. If you saturate the color by 10%, you get $32.6866, 21.8179, -34.9311$, and if you desaturate by 10%, it is $41.6242, 11.4429, -17.6981$.

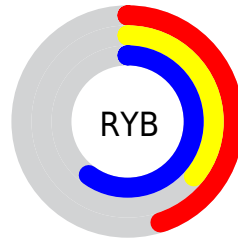
Distribution



Red (45%)

Green (36%)

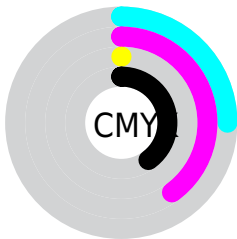
Blue (60%)



Red (45%)

Yellow (36%)

Blue (60%)

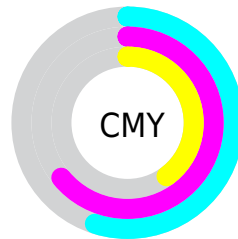


Cyan (25%)

Magenta (40%)

Yellow (0%)

Black (40%)



Cyan (55%)

Magenta (64%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.0140, 16.5440, -25.8732 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 37.0140, 16.5440, -25.8732 by changing the saturation by 10% instead.

■ 37.0140, 16.5440, -25.8732

■ 37.0140, 16.5440, -25.8732

■ 146.7522, 19.9636, -29.4461

■ 28.1299, 15.6966, -25.2985

■ 57.0591, 17.8823, -27.0062

■ 20.0980, 14.7079, -24.8213

■ 68.1136, 18.4019, -27.5136

■ 13.0214, 13.5601, -24.6810

■ 79.8022, 18.8360, -27.9693

■ 6.4868, 15.4027, -28.7766

■ 92.0920, 19.1925, -28.3707

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 104.9550, 19.4783, -28.7180

0.0000, NaN, NaN

■ 118.3667, 19.6991,

0.0000, NaN, NaN

-29.0119

0.0000, NaN, NaN

132.3055, 19.8594,
-29.2540

■ 37.0140, 16.5440,
-25.8732

■ 37.0140, 16.5440,
-25.8732

■ 32.6866, 21.8179,
-34.9311

■ 41.6242, 11.4429,
-17.6981

■ 28.7062, 27.2138,
-44.9787

■ 46.4660, 6.5149,
-10.2633

■ 25.1616, 32.5616,
-55.9643

■ 51.5035, 1.7381,
-3.4274

■ 22.1637, 37.4778,
-67.4697

■ 56.7093, -2.9143,
2.9297

■ 19.8319, 41.2986,
-78.4558

■ 62.0621, -7.4677,
8.9052

■ 18.1157, 43.9022,
-88.1263

■ 67.5456, -11.9443,
14.5767

■ 73.1465, -16.3627,
20.0055

■ 78.8542, -20.7381,
25.2396

■ 84.6600, -25.0829,
30.3175

Harmonies

Analogous

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



37.0147, 1.6910, -35.1478



37.0140, 16.5440, -25.8732



37.0147, 27.4646, -9.6978

Triad

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



37.0147, 16.5435, -25.8722



37.0147, 9.3605, 19.0971



37.0147, -25.7793, -1.5748

Complementary

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



37.0140, 16.5440, -25.8732



53.5070, -17.9312, 21.4367

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.



37.0147, -24.3746, 10.8281



37.0140, 16.5440, -25.8732



37.0147, -5.5075, 19.8532

Square

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



37.0147, 16.5435, -25.8722



37.0147, 22.8920, 14.7840



37.0147, -17.4476, 17.5039



37.0147, -21.6328, -18.0076

Rectangle

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



37.0140, 16.5440, -25.8732



37.0147, 30.2203, 0.7961



37.0147, -17.4476, 17.5039



37.0147, -25.9280, 3.1935

Sweetspot

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



37.0147, 16.5435, -25.8722



68.0517, 3.6042, -6.3897



45.4271, -7.7453, -12.0452



31.9890, 2.0760, -3.5507



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.



37.0147, 16.5435, -25.8722



44.7868, 28.4732, -45.4246



40.2111, 25.7411, -19.8490



24.7731, 0.5950, -1.3078



16.4109, 39.6866, -79.1804



2.4549, 5.3617, -7.3867

Inverse Universe

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



40.1702, 23.8314, -6.0016



50.2136, 39.8777, -9.8414



51.5267, -25.5332, 19.6522



25.0661, 1.4237, 0.3385



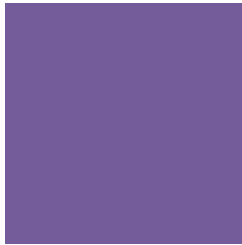
25.0368, 45.5571, -4.6034



3.1750, 5.9766, -2.1295

Previews

White Background



This preview shows how the HunterLab color 37.0140, 16.5440, -25.8732 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 37.0140, 16.5440, -25.8732 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 37.0140, 16.5440, -25.8732 Background



This preview shows how black text looks on a background with the HunterLab color 37.0140, 16.5440, -25.8732.



This preview shows how white text looks on a background with the HunterLab color 37.0140, 16.5440, -25.8732.

-25.8732.

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

37.0140, 16.5440, -25.8732

Protanopia

37.2300, 5.1655, -31.4053

Deuteranopia

37.1571, 2.6385, -24.4580



Tritanopia

37.1708, 0.9817, -0.6086

Trichromacy



Original Color

37.0140, 16.5440, -25.8732

Protanomaly

36.9029, 9.1447, -29.8000

Deuteranomaly

36.9547, 7.4493, -25.4500

Tritanomaly

36.9070, 6.4566, -8.8547

Monochromacy



Original Color

37.0140, 16.5440, -25.8732

Achromatopsia

37.9643, -2.0257, 2.0627

Achromatomaly

37.4866, 4.2015, -6.4655

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.0140, 16.5440, -25.8732 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(116, 92, 154)` looks like.

```
.text, #text, p{  
  color:rgb(116, 92, 154)  
}
```

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(116, 92, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 92, 154) }
```

Border

The CSS property to change the border of an element to HunterLab 37.0140, 16.5440, -25.8732 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(116, 92, 154) }
```


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

```
.border{ border-color:rgb(116, 92, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 92, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 92, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 92, 154);  
box-shadow:4px 4px 4px 4px rgb(116, 92,  
154) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.0140, 16.5440, -25.8732 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 92, 154) }
```

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

```
.background{ background-color: rgb(116, 92,  
154) }
```

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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