

Converting Colors

HunterLab(37.1763, 1.4055,
-25.1315)

Have a look what the booklet for
HunterLab(37.1763, 1.4055,
-25.1315) contains.

HunterLab(37.1756, 1.4055, -25.1324)	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(37.1756, 1.4055,
-25.1324)**

Conversions

Conversions Part 1

Format	Color
Hex	4E6899
RGB	78, 104, 153
RGB Percent	31%, 41%, 60%
CMY	0.6941, 0.5922, 0.4000
CMYK	0.49, 0.32, 0.00, 0.40
HSL	219°, 32%, 45%
HSV	219°, 49%, 60%
XYZ	13.8420, 13.8203, 32.0750
YIQ	101.8120, -31.2250, 9.7270

Conversions

Conversions Part 2

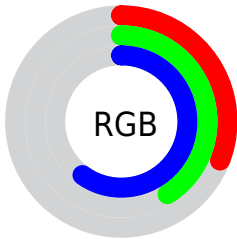
Format	Color
R_{YB}	78, 97, 153
Decimal	5138585
CIE _{Lab}	43.97, 4.55, -29.67
CIE _{LCh}	44, 30.019, 278.723
Yxy	13.8208, 0.2317, 0.2314
Android (android.graphics.Color)	4283328665 (0xFF4E6899)
YUV	101.8120, 25.2357, -20.8831
Hunter-Lab	37.1756, 1.4055, -25.1324

Details

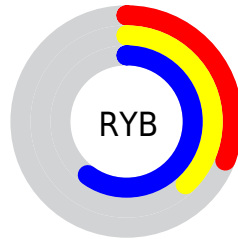
The HunterLab color $[37.1756, 1.4055, -25.1324]$ is a dark color, and the websafe version is hex 336699 . A complement of this color would be $[47.4361, 0.1555, 20.2229]$, and the grayscale version is $[36.2974, -1.9367, 1.9721]$.

A 20% lighter version of the original color is $[57.2905, 0.8976, -26.4393]$, and $[20.1686, 2.0072, -24.4904]$ is the 20% darker color. If you saturate the color by 10%, you get $[33.6947, 3.4609, -32.2072]$, and if you desaturate by 10%, it is $[40.8376, -0.1671, -18.5937]$.

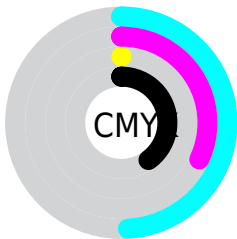
Distribution



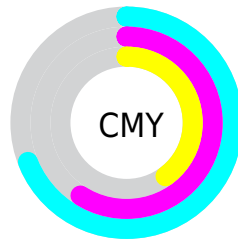
- Red (31%)
- Green (41%)
- Blue (60%)



- Red (31%)
- Yellow (38%)
- Blue (60%)



- Cyan (49%)
- Magenta (32%)
- Yellow (0%)
- Black (40%)



- Cyan (69%)
- Magenta (59%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.1756, 1.4055, -25.1324 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 37.1756, 1.4055, -25.1324 by changing the saturation by 10% instead.

■ 37.1756, 1.4055,
-25.1324

■ 37.1756, 1.4055,
-25.1324

■ 147.0078, -2.5455,
-28.5605

■ 28.2774, 1.5961,
-24.5596

■ 57.2456, 0.8413,
-26.2432

■ 20.2298, 1.7124,
-24.0692

■ 68.3115, 0.4808,
-26.7351

■ 13.1355, 1.7381,
-23.8810

■ 80.0108, 0.0742,
-27.1739

■ 6.6335, 2.6361,
-27.4121

■ 92.3108, -0.3748,
-27.5578

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 105.1836, -0.8635,
-27.8870

0.0000, NaN, NaN

118.6046, -1.3895,

0.0000, NaN, NaN

-28.1627

0.0000, NaN, NaN

132.5524, -1.9508,
-28.3866

■ 37.1756, 1.4055,
-25.1324

■ 37.1756, 1.4055,
-25.1324

■ 33.6947, 3.4609,
-32.2072

■ 40.8376, -0.1671,
-18.5937

■ 30.4237, 6.0862,
-39.8785

■ 44.6541, -1.3357,
-12.5229

■ 27.4007, 9.3652,
-48.1634

■ 48.6059, -2.1677,
-6.8490

■ 24.6698, 13.3509,
-56.9951

■ 52.6772, -2.7184,
-1.5087

■ 22.2483, 17.9391,
-66.2900

■ 56.8551, -3.0330,
3.5528

■ 22.0219, 18.4006,
-67.2471

■ 61.1290, -3.1481,
8.3816

■ 65.4902, -3.0934,
13.0165

■ 69.9315, -2.8928,
17.4895

■ 74.4466, -2.5662,
21.8271

Harmonies

Analogous

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



37.1763, -9.6277, -23.1971



37.1756, 1.4055, -25.1324



37.1763, 12.7817, -18.2557

Triad

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



37.1763, 1.4055, -25.1315



37.1763, 16.7567, 12.8679



37.1763, -20.3246, 8.8375

Complementary

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



37.1756, 1.4055, -25.1324



47.4361, 0.1555, 20.2229

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.



37.1763, -14.7561, 14.9162



37.1756, 1.4055, -25.1324



37.1763, 6.3285, 16.7068

Square

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



37.1763, 1.4055, -25.1315



37.1763, 22.3207, 5.0558



37.1763, -5.2594, 17.3223



37.1763, -21.3064, -1.2877

Rectangle

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



37.1756, 1.4055, -25.1324



37.1763, 18.7186, -10.5459



37.1763, -5.2594, 17.3223



37.1763, -18.9625, 11.3219

Sweetspot

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



37.1763, 1.4055, -25.1315



67.0559, -3.2156, -6.4582



50.9199, -24.7905, 7.6621



31.0200, -1.4375, -3.6893



87.6224, -4.6753, 4.7607



35.4919, -1.8938, 1.9283

Same Dimension

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



37.1763, 1.4055, -25.1315



44.5736, 4.9939, -44.2379



31.4414, 16.6165, -37.1660



25.2173, -1.2992, -0.7752



20.1635, 16.3645, -60.5288



3.5265, -0.1472, -4.0900

Inverse Universe

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



36.3609, 26.5019, 1.5132



44.1657, 44.1082, 3.1691



53.9088, -15.2726, 25.0231



25.0125, 1.1360, 1.1009



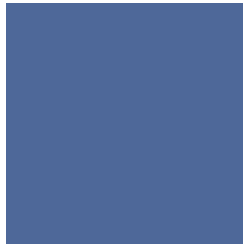
24.1158, 42.2053, 8.5584



3.0556, 5.5497, -0.4828

Previews

White Background



This preview shows how the HunterLab color 37.1756, 1.4055, -25.1324 looks on a white background.

Color Contrast Check

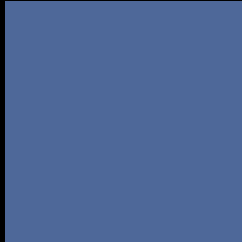
Large Text (above 18pt) WCAG AA ✓ Pass

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 37.1756, 1.4055, -25.1324 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

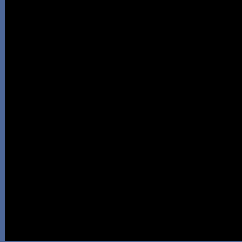
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

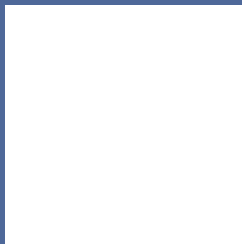
Any Text WCAG AAA × Fail

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

HunterLab 37.1756, 1.4055, -25.1324 Background



This preview shows how black text looks on a background with the HunterLab color 37.1756, 1.4055, -25.1324.



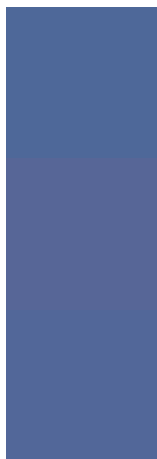
This preview shows how white text looks on a background with the HunterLab color 37.1756, 1.4055, -25.1324.

-25.1324.

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

37.1756, 1.4055, -25.1324

Protanopia

37.0990, 3.7255, -23.8657

Deuteranopia

37.1406, 2.6718, -25.1770



Tritanopia

37.3226, -10.8015, -4.9163

Trichromacy



Original Color

37.1756, 1.4055, -25.1324

Protanomaly

37.2187, 2.8450, -24.3380

Deuteranomaly

37.0806, 2.4706, -25.2953

Tritanomaly

37.0696, -6.4540, -11.6149

Monochromacy



Original Color

37.1756, 1.4055, -25.1324

Achromatopsia

36.4511, -1.9449, 1.9805

Achromatomaly

36.6171, -1.6066, -6.7546

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.1756, 1.4055, -25.1324 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(78, 104, 153)` looks like.

```
.text, #text, p{  
    color:rgb(78, 104, 153)  
}
```

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(78, 104, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 104, 153) }
```

Border

The CSS property to change the border of an element to HunterLab 37.1756, 1.4055, -25.1324 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(78, 104, 153) }
```


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

```
.border{ border-color:rgb(78, 104, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 104, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 104, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 104, 153);  
box-shadow:4px 4px 4px 4px rgb(78, 104,  
153) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.1756, 1.4055, -25.1324 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 104, 153) }
```

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

```
.background{ background-color: rgb(78, 104,  
153) }
```

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