

Converting Colors

HunterLab(45.1021, 6.2550,
-67.9491)

Have a look what the booklet for
HunterLab(45.1021, 6.2550,
-67.9491) contains.

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Color

**HunterLab(45.1361, 6.0695,
-67.5430)**

Conversions

Conversions Part 1

Format	Color
Hex	157DE3
RGB	21, 125, 227
RGB Percent	8%, 49%, 89%
CMY	0.9175, 0.5098, 0.1098
CMYK	0.91, 0.45, 0.00, 0.11
HSL	210°, 83%, 49%
HSV	210°, 91%, 89%
XYZ	21.5080, 20.3727, 75.4717
YIQ	105.5320, -94.7260, 9.6740

Conversions

Conversions Part 2

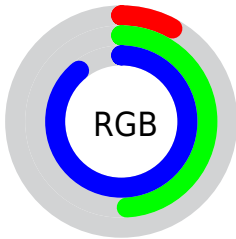
Format	Color
R_{YB}	21, 90, 227
Decimal	1408483
CIE _{Lab}	52.26, 10.48, -59.32
CIE _{LCh}	52, 60.235, 280.023
Yxy	20.3733, 0.1833, 0.1736
Android (android.graphics.Color)	4279598563 (0xFF157DE3)
YUV	105.5320, 59.8837, -74.1346
Hunter-Lab	45.1361, 6.0695, -67.5430

Details

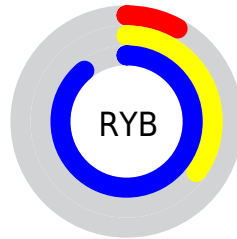
The HunterLab color **45.1361, 6.0695, -67.5430** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **55.2808, 28.8707, 33.8065**, and the grayscale version is **37.5966, -2.0061, 2.0427**.

A 20% lighter version of the original color is **64.7422, -2.7979, -46.7956**, and **28.7194, 11.9226, -61.6342** is the 20% darker color. If you saturate the color by 10%, you get **42.0866, 10.9554, -76.2541**, and if you desaturate by 10%, it is **48.7363, 1.6271, -58.3510**.

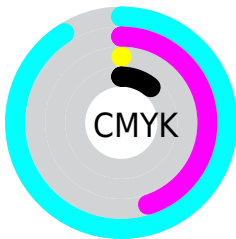
Distribution



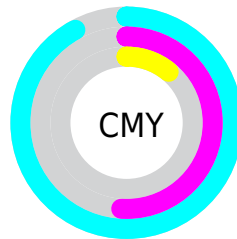
- Red (8%)
- Green (49%)
- Blue (89%)



- Red (8%)
- Yellow (35%)
- Blue (89%)



- Cyan (91%)
- Magenta (45%)
- Yellow (0%)
- Black (11%)



- Cyan (92%)
- Magenta (51%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 45.1361, 6.0695, -67.5430 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 45.1361, 6.0695, -67.5430 by changing the saturation by 10% instead.

■ 45.1361, 6.0695,
-67.5430

■ 45.1361, 6.0695,
-67.5430

159.3514, 4.1467,
-74.0570

■ 35.5902, 5.9822,
-67.5376

■ 66.3642, 6.0231,
-68.5562

■ 26.8317, 5.8030,
-68.2744

■ 77.9571, 5.9034,
-69.2896

■ 18.9397, 5.5151,
-70.5100

■ 90.1560, 5.7277,
-70.0826

■ 12.0225, 5.0915,
-76.2175

■ 102.9322, 5.5008,
-70.8995

■ 4.9982, 8.8729,
-117.3352

■ 116.2606, 5.2263,
-71.7176

0.0000, NaN, -NF

0.0000, NaN, -NF

130.1194, 4.9073,

-72.5224

0.0000, NaN, -NF

144.4888, 4.5467,
-73.3043

0.0000, NaN, NaN

■ 45.1361, 6.0695,
-67.5430

■ 45.1361, 6.0695,
-67.5430

■ 42.0866, 10.9554,
-76.2541

■ 48.7363, 1.6271,
-58.3510

■ 52.6666, -1.8416,
-49.3922

■ 56.9022, -4.3753,
-40.7368

■ 61.4143, -6.0535,
-32.4225

■ 66.1749, -6.9702,
-24.4577

■ 71.1584, -7.2195,
-16.8312

■ 76.3421, -6.8886,
-9.5198

■ 81.7059, -6.0549,
-2.4948

■ 87.2329, -4.7852,
4.2744

Harmonies

Analogous

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



45.1367, -17.3820, -63.0659



45.1361, 6.0695, -67.5430



45.1367, 31.9948, -46.9911

Triad

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



45.1367, 6.0708, -67.5419



45.1367, 39.5500, 22.7990



45.1367, -38.6556, 15.2257

Complementary

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



45.1361, 6.0695, -67.5430



55.2808, 28.8707, 33.8065

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.



45.1367, -28.8511, 25.0452



45.1361, 6.0695, -67.5430



45.1367, 14.8083, 27.5232

Square

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



45.1367, 6.0708, -67.5419



45.1367, 53.8719, 9.5712



45.1367, -10.3089, 28.0407



45.1367, -40.0174, -6.0449

Rectangle

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



45.1361, 6.0695, -67.5430



45.1367, 45.9851, -26.1035



45.1367, -10.3089, 28.0407



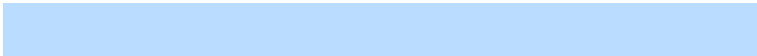
45.1367, -36.3553, 19.5828

Sweetspot

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



45.1367, 6.0708, -67.5419



83.2706, -8.1739, -16.1944



75.1456, -57.3808, 31.1326



37.5954, -3.8106, -8.8358

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



45.1367, 6.0708, -67.5419



47.7976, 12.9397, -87.6759



25.2558, 58.3650, -154.0221



38.8375, -2.7885, -0.7635



32.5024, 7.6561, -57.1525



9.8310, 0.2494, -12.8264

Inverse Universe

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



42.8360, 73.5892, 0.8287



47.7886, 85.1402, 5.2923



83.3454, -20.8781, 50.4856



38.0641, 2.2242, 0.9284



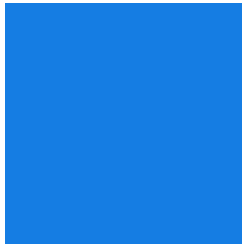
32.0377, 57.1751, 2.7994



8.8162, 15.9309, -0.7603

Previews

White Background



This preview shows how the HunterLab color 45.1361, 6.0695, -67.5430 looks on a white background.

Color Contrast Check

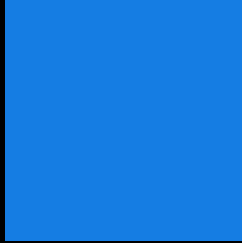
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 45.1361, 6.0695, -67.5430 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

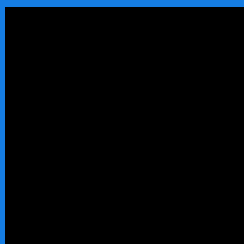
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

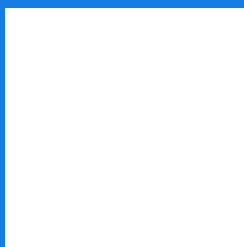
Any Text WCAG AAA × Fail

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

HunterLab 45.1361, 6.0695, -67.5430 Background



This preview shows how black text looks on a background with the HunterLab color 45.1361, 6.0695, -67.5430.



This preview shows how white text looks on a background with the HunterLab color 45.1361, 6.0695, -67.5430.

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

45.1361, 6.0695, -67.5430

Protanopia

44.9474, 11.8994, -63.2544

Deuteranopia

44.9994, 3.6802, -64.1897



Tritanopia

45.0373, -21.9210, -8.9714

Trichromacy



Original Color

45.1361, 6.0695, -67.5430

Protanomaly

44.8476, 9.0385, -65.4379

Deuteranomaly

45.1167, 4.1919, -64.8010

Tritanomaly

44.6780, -12.9675, -27.2043

Monochromacy



Original Color

45.1361, 6.0695, -67.5430

Achromatopsia

37.9643, -2.0257, 2.0627

Achromatomaly

39.3803, -4.0443, -19.2469

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 45.1361, 6.0695, -67.5430 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(21, 125, 227)` looks like.

```
.text, #text, p{  
    color:rgb(21, 125, 227)  
}
```

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(21, 125, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 125, 227) }
```

Border

The CSS property to change the border of an element to HunterLab 45.1361, 6.0695, -67.5430 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(21, 125, 227) }
```


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

```
.border{ border-color:rgb(21, 125, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(21, 125, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 125, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 125, 227);  
box-shadow:4px 4px 4px 4px rgb(21, 125,  
227) }
```

Background

The CSS property to change the background color of an element to HunterLab 45.1361, 6.0695, -67.5430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 125, 227) }
```

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

```
.background{ background-color: rgb(21, 125,  
227) }
```

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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